

ANNUAL TESTING

CUSTOMER : MOLEX	LABORATORY, MATERIAL TEST	REPORT	Serial No.:12042458
PART NAME : SEAL		COMPOUND :	A2361
PART NAME : SEAL	PART NO. : 34746-0600	LOT NO. :	21855077-013596993
TYPE OF TEST	PART NAME : SEAL		
TYPE OF TEST	TEST DATE : 11-06-24	SPEC. NO. :	WSB-M2D280-A5(PRINT)
ORIGINAL PROPERTIES, ASTM D2240, D412, D624, D297 HARDNESS, SHORE A, FINSILE STRENGTH, DIE-C, MPA		SPECIFICATION	/ TEST RESULTS
### CHUBRICANT BLEED. MUST PASS. PASS #### HEAT AGING, ASTM D573, 168H @ 150°C #### HEAT AGING, CHANGE, DIE-C, % -30 MAX11 VISUAL- NO SURFACE TACKINESS OR CRACKS MUST PASS PASS #### HEAT AGING, ASTM D573, 1000H @ 150°C #### HEADNESS CHANGE, PTS10 TO +10 0 #### TO 0 TENSILE STRENGTH CHANGE, DIE-C, % -40 MAX10 #### TO SURFACE TACKINESS OR CRACKS MUST PASS #### HEAT AGING, ASTM D573, 1000H @ 150°C #### HEADNESS CHANGE, PTS10 TO +10 0 #### TO 0 TENSILE STRENGTH CHANGE, DIE-C, % -40 MAX17 ### TO SURFACE TACKINESS OR CRACKS MUST PASS ### FASS ### HEAT AGING, ASTM D471, ### TARNOLI, 168H @ 150°C ### HADNESS CHANGE, PTS. 0 TO -12 0 ### TENSILE STRENGTH CHANGE, DIE-C, % -30 MAX. +32 ### ELONGATION CHANGE, % -30 MAX4 ### VOLUME CHANGE, & 0 TO +15 +2 ### FILUID RESISTANCE, ASTM D471, ### HEADNESS CHANGE, PTS5 TO +10 +3 ### TENSILE STRENGTH CHANGE, DIE-C, % -20 MIN. +18 ### ELONGATION CHANGE, % -20 MIN2 ### MODULUS @ 100% CHANGE, % -20 MIN2 ##	ORIGINAL PROPERTIES, ASTM D2240, D412, D6	524, D297	
### CHUBRICANT BLEED. MUST PASS. PASS #### HEAT AGING, ASTM D573, 168H @ 150°C #### HEAT AGING, CHANGE, DIE-C, % -30 MAX11 VISUAL- NO SURFACE TACKINESS OR CRACKS MUST PASS PASS #### HEAT AGING, ASTM D573, 1000H @ 150°C #### HEADNESS CHANGE, PTS10 TO +10 0 #### TO 0 TENSILE STRENGTH CHANGE, DIE-C, % -40 MAX10 #### TO SURFACE TACKINESS OR CRACKS MUST PASS #### HEAT AGING, ASTM D573, 1000H @ 150°C #### HEADNESS CHANGE, PTS10 TO +10 0 #### TO 0 TENSILE STRENGTH CHANGE, DIE-C, % -40 MAX17 ### TO SURFACE TACKINESS OR CRACKS MUST PASS ### FASS ### HEAT AGING, ASTM D471, ### TARNOLI, 168H @ 150°C ### HADNESS CHANGE, PTS. 0 TO -12 0 ### TENSILE STRENGTH CHANGE, DIE-C, % -30 MAX. +32 ### ELONGATION CHANGE, % -30 MAX4 ### VOLUME CHANGE, & 0 TO +15 +2 ### FILUID RESISTANCE, ASTM D471, ### HEADNESS CHANGE, PTS5 TO +10 +3 ### TENSILE STRENGTH CHANGE, DIE-C, % -20 MIN. +18 ### ELONGATION CHANGE, % -20 MIN2 ### MODULUS @ 100% CHANGE, % -20 MIN2 ##	HARDNESS, SHORE A,	18 ± 5	21
### CHUBRICANT BLEED. MUST PASS. PASS #### HEAT AGING, ASTM D573, 168H @ 150°C #### HEAT AGING, CHANGE, DIE-C, % -30 MAX11 VISUAL- NO SURFACE TACKINESS OR CRACKS MUST PASS PASS #### HEAT AGING, ASTM D573, 1000H @ 150°C #### HEADNESS CHANGE, PTS10 TO +10 0 #### TO 0 TENSILE STRENGTH CHANGE, DIE-C, % -40 MAX10 #### TO SURFACE TACKINESS OR CRACKS MUST PASS #### HEAT AGING, ASTM D573, 1000H @ 150°C #### HEADNESS CHANGE, PTS10 TO +10 0 #### TO 0 TENSILE STRENGTH CHANGE, DIE-C, % -40 MAX17 ### TO SURFACE TACKINESS OR CRACKS MUST PASS ### FASS ### HEAT AGING, ASTM D471, ### TARNOLI, 168H @ 150°C ### HADNESS CHANGE, PTS. 0 TO -12 0 ### TENSILE STRENGTH CHANGE, DIE-C, % -30 MAX. +32 ### ELONGATION CHANGE, % -30 MAX4 ### VOLUME CHANGE, & 0 TO +15 +2 ### FILUID RESISTANCE, ASTM D471, ### HEADNESS CHANGE, PTS5 TO +10 +3 ### TENSILE STRENGTH CHANGE, DIE-C, % -20 MIN. +18 ### ELONGATION CHANGE, % -20 MIN2 ### MODULUS @ 100% CHANGE, % -20 MIN2 ##	TENSILE STRENGTH, DIE-C, MPA	2.0 MIN.	3.8
### CHUBRICANT BLEED. MUST PASS. PASS #### HEAT AGING, ASTM D573, 168H @ 150°C #### HEAT AGING, CHANGE, DIE-C, % -30 MAX11 VISUAL- NO SURFACE TACKINESS OR CRACKS MUST PASS PASS #### HEAT AGING, ASTM D573, 1000H @ 150°C #### HEADNESS CHANGE, PTS10 TO +10 0 #### TO 0 TENSILE STRENGTH CHANGE, DIE-C, % -40 MAX10 #### TO SURFACE TACKINESS OR CRACKS MUST PASS #### HEAT AGING, ASTM D573, 1000H @ 150°C #### HEADNESS CHANGE, PTS10 TO +10 0 #### TO 0 TENSILE STRENGTH CHANGE, DIE-C, % -40 MAX17 ### TO SURFACE TACKINESS OR CRACKS MUST PASS ### FASS ### HEAT AGING, ASTM D471, ### TARNOLI, 168H @ 150°C ### HADNESS CHANGE, PTS. 0 TO -12 0 ### TENSILE STRENGTH CHANGE, DIE-C, % -30 MAX. +32 ### ELONGATION CHANGE, % -30 MAX4 ### VOLUME CHANGE, & 0 TO +15 +2 ### FILUID RESISTANCE, ASTM D471, ### HEADNESS CHANGE, PTS5 TO +10 +3 ### TENSILE STRENGTH CHANGE, DIE-C, % -20 MIN. +18 ### ELONGATION CHANGE, % -20 MIN2 ### MODULUS @ 100% CHANGE, % -20 MIN2 ##	MODULUS @ 100%, DIE-C, MPa	0.2 MIN.	0.3
### CHUBRICANT BLEED. MUST PASS. PASS #### HEAT AGING, ASTM D573, 168H @ 150°C #### HEAT AGING, CHANGE, DIE-C, % -30 MAX11 VISUAL- NO SURFACE TACKINESS OR CRACKS MUST PASS PASS #### HEAT AGING, ASTM D573, 1000H @ 150°C #### HEADNESS CHANGE, PTS10 TO +10 0 #### TO 0 TENSILE STRENGTH CHANGE, DIE-C, % -40 MAX10 #### TO SURFACE TACKINESS OR CRACKS MUST PASS #### HEAT AGING, ASTM D573, 1000H @ 150°C #### HEADNESS CHANGE, PTS10 TO +10 0 #### TO 0 TENSILE STRENGTH CHANGE, DIE-C, % -40 MAX17 ### TO SURFACE TACKINESS OR CRACKS MUST PASS ### FASS ### HEAT AGING, ASTM D471, ### TARNOLI, 168H @ 150°C ### HADNESS CHANGE, PTS. 0 TO -12 0 ### TENSILE STRENGTH CHANGE, DIE-C, % -30 MAX. +32 ### ELONGATION CHANGE, % -30 MAX4 ### VOLUME CHANGE, & 0 TO +15 +2 ### FILUID RESISTANCE, ASTM D471, ### HEADNESS CHANGE, PTS5 TO +10 +3 ### TENSILE STRENGTH CHANGE, DIE-C, % -20 MIN. +18 ### ELONGATION CHANGE, % -20 MIN2 ### MODULUS @ 100% CHANGE, % -20 MIN2 ##	ELONGATION, %	500 MIN.	839
### CHUBRICANT BLEED. MUST PASS. PASS #### HEAT AGING, ASTM D573, 168H @ 150°C #### HEAT AGING, CHANGE, DIE-C, % -30 MAX11 VISUAL- NO SURFACE TACKINESS OR CRACKS MUST PASS PASS #### HEAT AGING, ASTM D573, 1000H @ 150°C #### HEADNESS CHANGE, PTS10 TO +10 0 #### TO 0 TENSILE STRENGTH CHANGE, DIE-C, % -40 MAX10 #### TO SURFACE TACKINESS OR CRACKS MUST PASS #### HEAT AGING, ASTM D573, 1000H @ 150°C #### HEADNESS CHANGE, PTS10 TO +10 0 #### TO 0 TENSILE STRENGTH CHANGE, DIE-C, % -40 MAX17 ### TO SURFACE TACKINESS OR CRACKS MUST PASS ### FASS ### HEAT AGING, ASTM D471, ### TARNOLI, 168H @ 150°C ### HADNESS CHANGE, PTS. 0 TO -12 0 ### TENSILE STRENGTH CHANGE, DIE-C, % -30 MAX. +32 ### ELONGATION CHANGE, % -30 MAX4 ### VOLUME CHANGE, & 0 TO +15 +2 ### FILUID RESISTANCE, ASTM D471, ### HEADNESS CHANGE, PTS5 TO +10 +3 ### TENSILE STRENGTH CHANGE, DIE-C, % -20 MIN. +18 ### ELONGATION CHANGE, % -20 MIN2 ### MODULUS @ 100% CHANGE, % -20 MIN2 ##	TEAR RESISTANCE, DIE-C, KN/M	3.0 MIN.	7.6
### CHUBRICANT BLEED. MUST PASS. PASS #### HEAT AGING, ASTM D573, 168H @ 150°C #### HEAT AGING, CHANGE, DIE-C, % -30 MAX11 VISUAL- NO SURFACE TACKINESS OR CRACKS MUST PASS PASS #### HEAT AGING, ASTM D573, 1000H @ 150°C #### HEADNESS CHANGE, PTS10 TO +10 0 #### TO 0 TENSILE STRENGTH CHANGE, DIE-C, % -40 MAX10 #### TO SURFACE TACKINESS OR CRACKS MUST PASS #### HEAT AGING, ASTM D573, 1000H @ 150°C #### HEADNESS CHANGE, PTS10 TO +10 0 #### TO 0 TENSILE STRENGTH CHANGE, DIE-C, % -40 MAX17 ### TO SURFACE TACKINESS OR CRACKS MUST PASS ### FASS ### HEAT AGING, ASTM D471, ### TARNOLI, 168H @ 150°C ### HADNESS CHANGE, PTS. 0 TO -12 0 ### TENSILE STRENGTH CHANGE, DIE-C, % -30 MAX. +32 ### ELONGATION CHANGE, % -30 MAX4 ### VOLUME CHANGE, & 0 TO +15 +2 ### FILUID RESISTANCE, ASTM D471, ### HEADNESS CHANGE, PTS5 TO +10 +3 ### TENSILE STRENGTH CHANGE, DIE-C, % -20 MIN. +18 ### ELONGATION CHANGE, % -20 MIN2 ### MODULUS @ 100% CHANGE, % -20 MIN2 ##	SPECIFIC GRAVITY, G/CM3	1.04 -1.10	1.05
### CHUBRICANT BLEED. MUST PASS. PASS #### HEAT AGING, ASTM D573, 168H @ 150°C #### HEAT AGING, CHANGE, DIE-C, % -30 MAX11 VISUAL- NO SURFACE TACKINESS OR CRACKS MUST PASS PASS #### HEAT AGING, ASTM D573, 1000H @ 150°C #### HEADNESS CHANGE, PTS10 TO +10 0 #### TO 0 TENSILE STRENGTH CHANGE, DIE-C, % -40 MAX10 #### TO SURFACE TACKINESS OR CRACKS MUST PASS #### HEAT AGING, ASTM D573, 1000H @ 150°C #### HEADNESS CHANGE, PTS10 TO +10 0 #### TO 0 TENSILE STRENGTH CHANGE, DIE-C, % -40 MAX17 ### TO SURFACE TACKINESS OR CRACKS MUST PASS ### FASS ### HEAT AGING, ASTM D471, ### TARNOLI, 168H @ 150°C ### HADNESS CHANGE, PTS. 0 TO -12 0 ### TENSILE STRENGTH CHANGE, DIE-C, % -30 MAX. +32 ### ELONGATION CHANGE, % -30 MAX4 ### VOLUME CHANGE, & 0 TO +15 +2 ### FILUID RESISTANCE, ASTM D471, ### HEADNESS CHANGE, PTS5 TO +10 +3 ### TENSILE STRENGTH CHANGE, DIE-C, % -20 MIN. +18 ### ELONGATION CHANGE, % -20 MIN2 ### MODULUS @ 100% CHANGE, % -20 MIN2 ##	BLEEDING, VISUAL CHECK.		
### ARINGS CHANGE, PTS.			
### ARINGS CHANGE, PTS.	OF LUBRICANT BLEED.	MUST PASS.	PASS
IRM901 OIL, 168H @ 150°C HARDNESS CHANGE, PTS. 0 TO -12 0 TENSILE STRENGTH CHANGE, DIE-C, % -30 MAX. +32 ELONGATION CHANGE, % -30 MAX4 VOLUME CHANGE, % 0 TO +15 +2 FLUID RESISTANCE, ASTM D471, METHANOL, 168H @ 23°C HARDNESS CHANGE, PTS5 TO +10 +3 TENSILE STRENGTH CHANGE, DIE-C, % -20 MIN. +18 ELONGATION CHANGE, % -20 MIN2 MODULUS @ 100% CHANGE, % -30 MIN0 VOLUME CHANGE, % -30 MIN0 TO TO +20 -3 VISUAL- NO SURFACE TACKINESS OR CRACKS MUST PASS PASS COMPRESSION SET, ASTM D-395, METHOD B, 70H @ 150°C COMPRESSION SET, & 25 MAX. 20 DIELECTRIC STRENGTH, IEC 243/ASTM D 149, IN INSULATING OIL, KV/MM 14 MIN. 23 LOW TEMPERATURE RESISTANCE, ASTM D-2137, METHOD A, 3 MINUTES @ -65°C MUST PASS PASS COZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Registance Date: December 04, 2024	HEAT AGING, ASTM D573, 168H @ 150°C	E EO :10	. 1
IRM901 OIL, 168H @ 150°C HARDNESS CHANGE, PTS. 0 TO -12 0 TENSILE STRENGTH CHANGE, DIE-C, % -30 MAX. +32 ELONGATION CHANGE, % -30 MAX4 VOLUME CHANGE, % 0 TO +15 +2 FLUID RESISTANCE, ASTM D471, METHANOL, 168H @ 23°C HARDNESS CHANGE, PTS5 TO +10 +3 TENSILE STRENGTH CHANGE, DIE-C, % -20 MIN. +18 ELONGATION CHANGE, % -20 MIN2 MODULUS @ 100% CHANGE, % -30 MIN0 VOLUME CHANGE, % -30 MIN0 TO TO +20 -3 VISUAL- NO SURFACE TACKINESS OR CRACKS MUST PASS PASS COMPRESSION SET, ASTM D-395, METHOD B, 70H @ 150°C COMPRESSION SET, & 25 MAX. 20 DIELECTRIC STRENGTH, IEC 243/ASTM D 149, IN INSULATING OIL, KV/MM 14 MIN. 23 LOW TEMPERATURE RESISTANCE, ASTM D-2137, METHOD A, 3 MINUTES @ -65°C MUST PASS PASS COZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Registance Date: December 04, 2024	MENCIE CODENCOL CHANCE DIE C. °	-2 TO +TO	+1
IRM901 OIL, 168H @ 150°C HARDNESS CHANGE, PTS. 0 TO -12 0 TENSILE STRENGTH CHANGE, DIE-C, % -30 MAX. +32 ELONGATION CHANGE, % -30 MAX4 VOLUME CHANGE, % 0 TO +15 +2 FLUID RESISTANCE, ASTM D471, METHANOL, 168H @ 23°C HARDNESS CHANGE, PTS5 TO +10 +3 TENSILE STRENGTH CHANGE, DIE-C, % -20 MIN. +18 ELONGATION CHANGE, % -20 MIN2 MODULUS @ 100% CHANGE, % -30 MIN0 VOLUME CHANGE, % -30 MIN0 TO TO +20 -3 VISUAL- NO SURFACE TACKINESS OR CRACKS MUST PASS PASS COMPRESSION SET, ASTM D-395, METHOD B, 70H @ 150°C COMPRESSION SET, & 25 MAX. 20 DIELECTRIC STRENGTH, IEC 243/ASTM D 149, IN INSULATING OIL, KV/MM 14 MIN. 23 LOW TEMPERATURE RESISTANCE, ASTM D-2137, METHOD A, 3 MINUTES @ -65°C MUST PASS PASS COZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Registance Date: December 04, 2024	TENSILE STRENGTH CHANGE, DIE-C, %	-30 MAX.	-13 11
IRM901 OIL, 168H @ 150°C HARDNESS CHANGE, PTS. 0 TO -12 0 TENSILE STRENGTH CHANGE, DIE-C, % -30 MAX. +32 ELONGATION CHANGE, % -30 MAX4 VOLUME CHANGE, % 0 TO +15 +2 FLUID RESISTANCE, ASTM D471, METHANOL, 168H @ 23°C HARDNESS CHANGE, PTS5 TO +10 +3 TENSILE STRENGTH CHANGE, DIE-C, % -20 MIN. +18 ELONGATION CHANGE, % -20 MIN2 MODULUS @ 100% CHANGE, % -30 MIN0 VOLUME CHANGE, % -30 MIN0 TO TO +20 -3 VISUAL- NO SURFACE TACKINESS OR CRACKS MUST PASS PASS COMPRESSION SET, ASTM D-395, METHOD B, 70H @ 150°C COMPRESSION SET, & 25 MAX. 20 DIELECTRIC STRENGTH, IEC 243/ASTM D 149, IN INSULATING OIL, KV/MM 14 MIN. 23 LOW TEMPERATURE RESISTANCE, ASTM D-2137, METHOD A, 3 MINUTES @ -65°C MUST PASS PASS COZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Registance Date: December 04, 2024	LLUNGATION CHANGE, &	-JU MAX.	-TT
IRM901 OIL, 168H @ 150°C HARDNESS CHANGE, PTS. 0 TO -12 0 TENSILE STRENGTH CHANGE, DIE-C, % -30 MAX. +32 ELONGATION CHANGE, % -30 MAX4 VOLUME CHANGE, % 0 TO +15 +2 FLUID RESISTANCE, ASTM D471, METHANOL, 168H @ 23°C HARDNESS CHANGE, PTS5 TO +10 +3 TENSILE STRENGTH CHANGE, DIE-C, % -20 MIN. +18 ELONGATION CHANGE, % -20 MIN2 MODULUS @ 100% CHANGE, % -30 MIN0 VOLUME CHANGE, % -30 MIN0 TO TO +20 -3 VISUAL- NO SURFACE TACKINESS OR CRACKS MUST PASS PASS COMPRESSION SET, ASTM D-395, METHOD B, 70H @ 150°C COMPRESSION SET, & 25 MAX. 20 DIELECTRIC STRENGTH, IEC 243/ASTM D 149, IN INSULATING OIL, KV/MM 14 MIN. 23 LOW TEMPERATURE RESISTANCE, ASTM D-2137, METHOD A, 3 MINUTES @ -65°C MUST PASS PASS COZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Registance Date: December 04, 2024	VISUAL- NO SURFACE TACKINESS OR CRACKS	MUST PASS	PASS
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IRM901 OIL, 168H @ 150°C HARDNESS CHANGE, PTS. 0 TO -12 0 TENSILE STRENGTH CHANGE, DIE-C, % -30 MAX. +32 ELONGATION CHANGE, % -30 MAX4 VOLUME CHANGE, % 0 TO +15 +2 FLUID RESISTANCE, ASTM D471, METHANOL, 168H @ 23°C HARDNESS CHANGE, PTS5 TO +10 +3 TENSILE STRENGTH CHANGE, DIE-C, % -20 MIN. +18 ELONGATION CHANGE, % -20 MIN2 MODULUS @ 100% CHANGE, % -30 MIN0 VOLUME CHANGE, % -30 MIN0 TO TO +20 -3 VISUAL- NO SURFACE TACKINESS OR CRACKS MUST PASS PASS COMPRESSION SET, ASTM D-395, METHOD B, 70H @ 150°C COMPRESSION SET, & 25 MAX. 20 DIELECTRIC STRENGTH, IEC 243/ASTM D 149, IN INSULATING OIL, KV/MM 14 MIN. 23 LOW TEMPERATURE RESISTANCE, ASTM D-2137, METHOD A, 3 MINUTES @ -65°C MUST PASS PASS COZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Registance Date: December 04, 2024	TENSILE STRENGTH CHANGE DIE-C %	-40 MAY	-1 N
IRM901 OIL, 168H @ 150°C HARDNESS CHANGE, PTS. 0 TO -12 0 TENSILE STRENGTH CHANGE, DIE-C, % -30 MAX. +32 ELONGATION CHANGE, % -30 MAX4 VOLUME CHANGE, % 0 TO +15 +2 FLUID RESISTANCE, ASTM D471, METHANOL, 168H @ 23°C HARDNESS CHANGE, PTS5 TO +10 +3 TENSILE STRENGTH CHANGE, DIE-C, % -20 MIN. +18 ELONGATION CHANGE, % -20 MIN2 MODULUS @ 100% CHANGE, % -30 MIN0 VOLUME CHANGE, % -30 MIN0 TO TO +20 -3 VISUAL- NO SURFACE TACKINESS OR CRACKS MUST PASS PASS COMPRESSION SET, ASTM D-395, METHOD B, 70H @ 150°C COMPRESSION SET, & 25 MAX. 20 DIELECTRIC STRENGTH, IEC 243/ASTM D 149, IN INSULATING OIL, KV/MM 14 MIN. 23 LOW TEMPERATURE RESISTANCE, ASTM D-2137, METHOD A, 3 MINUTES @ -65°C MUST PASS PASS COZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Registance Date: December 04, 2024	ELONGATION CHANGE &	-30 MAX	_17
IRM901 OIL, 168H @ 150°C HARDNESS CHANGE, PTS. 0 TO -12 0 TENSILE STRENGTH CHANGE, DIE-C, % -30 MAX. +32 ELONGATION CHANGE, % -30 MAX4 VOLUME CHANGE, % 0 TO +15 +2 FLUID RESISTANCE, ASTM D471, METHANOL, 168H @ 23°C HARDNESS CHANGE, PTS5 TO +10 +3 TENSILE STRENGTH CHANGE, DIE-C, % -20 MIN. +18 ELONGATION CHANGE, % -20 MIN2 MODULUS @ 100% CHANGE, % -30 MIN0 VOLUME CHANGE, % -30 MIN0 TO TO +20 -3 VISUAL- NO SURFACE TACKINESS OR CRACKS MUST PASS PASS COMPRESSION SET, ASTM D-395, METHOD B, 70H @ 150°C COMPRESSION SET, & 25 MAX. 20 DIELECTRIC STRENGTH, IEC 243/ASTM D 149, IN INSULATING OIL, KV/MM 14 MIN. 23 LOW TEMPERATURE RESISTANCE, ASTM D-2137, METHOD A, 3 MINUTES @ -65°C MUST PASS PASS COZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Registance Date: December 04, 2024	VISUAL- NO SURFACE TACKINESS OR CRACKS	MIIST PASS	PASS
IRM901 OIL, 168H @ 150°C HARDNESS CHANGE, PTS. 0 TO -12 0 TENSILE STRENGTH CHANGE, DIE-C, % -30 MAX. +32 ELONGATION CHANGE, % 0 TO +15 +2 FLUID RESISTANCE, ASTM D471, METHANOL, 168h @ 23°C HARDNESS CHANGE, PTS5 TO +10 +3 TENSILE STRENGTH CHANGE, DIE-C, % -20 MIN. +18 ELONGATION CHANGE, % -20 MIN2 MODULUS @ 100% CHANGE, % -30 MIN0 VOLUME CHANGE, % -30 MIN0 VOLUME CHANGE, % -30 MIN0 VOLUME CHANGE, % -30 MIN. 20 MODULUS @ 100% CHANGE, % -30 MIN0 VOLUME CHANGE, % -30 MIN0 VISUAL- NO SURFACE TACKINESS OR CRACKS MUST PASS PASS COMPRESSION SET, ASTM D-395, METHOD B, 70H @ 150°C COMPRESSION SET, & 25 MAX. 20 DIELECTRIC STRENGTH, IEC 243/ASTM D 149, IN INSULATING OIL, KV/MM 14 MIN. 23 LOW TEMPERATURE RESISTANCE, ASTM D-2137, METHOD A, 3 MINUTES @ -65°C MUST PASS PASS COODE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Publica Date: December 04, 2024	FLUID RESISTANCE. ASTM D471.	11001 11100	11100
METHANOL, 168h @ 23°C HARDNESS CHANGE, PTS.	IRM901 OIL, 168H @ 150°C		
METHANOL, 168h @ 23°C HARDNESS CHANGE, PTS.	HARDNESS CHANGE, PTS.	0 TO -12	0
METHANOL, 168h @ 23°C HARDNESS CHANGE, PTS.	TENSILE STRENGTH CHANGE, DIE-C, %	-30 MAX.	+32
METHANOL, 168h @ 23°C HARDNESS CHANGE, PTS.	ELONGATION CHANGE, %	-30 MAX.	-4
METHANOL, 168h @ 23°C HARDNESS CHANGE, PTS.	VOLUME CHANGE, %	0 TO +15	+2
IN INSULATING OIL, KV/MM 14 MIN. 23 LOW TEMPERATURE RESISTANCE, ASTM D-2137, METHOD A, 3 MINUTES @ -65°C MUST PASS PASS OZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Rybka Date: December 04, 2024	FLUID RESISTANCE, ASTM D471,		
IN INSULATING OIL, KV/MM 14 MIN. 23 LOW TEMPERATURE RESISTANCE, ASTM D-2137, METHOD A, 3 MINUTES @ -65°C MUST PASS PASS OZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Rybka Date: December 04, 2024	METHANOL, 168h @ 23℃		
IN INSULATING OIL, KV/MM 14 MIN. 23 LOW TEMPERATURE RESISTANCE, ASTM D-2137, METHOD A, 3 MINUTES @ -65°C MUST PASS PASS OZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Rybka Date: December 04, 2024	HARDNESS CHANGE, PTS.	-5 TO +10	+3
IN INSULATING OIL, KV/MM 14 MIN. 23 LOW TEMPERATURE RESISTANCE, ASTM D-2137, METHOD A, 3 MINUTES @ -65°C MUST PASS PASS OZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Rybka Date: December 04, 2024	TENSILE STRENGTH CHANGE, DIE-C, %	-20 MIN.	+18
IN INSULATING OIL, KV/MM 14 MIN. 23 LOW TEMPERATURE RESISTANCE, ASTM D-2137, METHOD A, 3 MINUTES @ -65°C MUST PASS PASS OZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Rybka Date: December 04, 2024	ELONGATION CHANGE, %	-20 MIN.	-2
IN INSULATING OIL, KV/MM 14 MIN. 23 LOW TEMPERATURE RESISTANCE, ASTM D-2137, METHOD A, 3 MINUTES @ -65°C MUST PASS PASS OZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Rybka Date: December 04, 2024	MODULUS @ 100% CHANGE, %	-30 MIN.	-0
IN INSULATING OIL, KV/MM 14 MIN. 23 LOW TEMPERATURE RESISTANCE, ASTM D-2137, METHOD A, 3 MINUTES @ -65°C MUST PASS PASS OZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Rybka Date: December 04, 2024	VOLUME CHANGE, %	-10 TO +20	-3
IN INSULATING OIL, KV/MM 14 MIN. 23 LOW TEMPERATURE RESISTANCE, ASTM D-2137, METHOD A, 3 MINUTES @ -65°C MUST PASS PASS OZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Rybka Date: December 04, 2024	VISUAL- NO SURFACE TACKINESS OR CRACKS	MUST PASS	PASS
IN INSULATING OIL, KV/MM 14 MIN. 23 LOW TEMPERATURE RESISTANCE, ASTM D-2137, METHOD A, 3 MINUTES @ -65°C MUST PASS PASS OZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Rybka Date: December 04, 2024	COMPRESSION SET, ASTM D-395, METHOD B, 70	он @ 150°С	
IN INSULATING OIL, KV/MM 14 MIN. 23 LOW TEMPERATURE RESISTANCE, ASTM D-2137, METHOD A, 3 MINUTES @ -65°C MUST PASS PASS OZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Rybka Date: December 04, 2024	COMPRESSION SET, %	25 MAX.	20
LOW TEMPERATURE RESISTANCE, ASTM D-2137, METHOD A, 3 MINUTES @ -65°C MUST PASS PASS OZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Rybka Date: December 04, 2024	DIELECTRIC STRENGTH, IEC 243/ASIM D 149,		
3 MINUTES @ -65°C MUST PASS PASS OZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Rybka Date: December 04, 2024			23
OZONE RESISTANCE, FLTM BP 101-01, PROCEDURE A, 70+2H @ 50PPHM ± 5 RATING 0 PASS PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Rybka Date: December 04, 2024			D3.00
RATING 0 PASS FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Rybka Date: December 04, 2024			
FLAMMABILITY REQUIREMENT, PER ISO 3795 BURN RATE 100MM/MIN PASS PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Rybka Date: December 04, 2024	,	, -	
BURN RATE 100MM/MIN PASS * = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By Richard Rybka Date: December 04, 2024		CGMI	PASS
* = MEASUREMENT UNCERTAINTY OF +- 0.01142 @ APPROXIMATELY 95% CONFIDENCE LEVEL USING A COVERAGE FACTOR OF K=2. Approved By <u>Richard Rybka</u> Date: December 04, 2024		PASS	PASS
LEVEL USING A COVERAGE FACTOR OF K=2. Approved By <u>Richard Rybka</u> Date: December 04, 2024			
Approved By Richard Rybka Date: December 04, 2024		_	LLI JO 6 CONFIDENCE
			December 04, 2024
Richard Rybka, Technical Manager	Richard Rybka, Technical	Manager	

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