



MOLEX INC.
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USA

The Verst Group
Ticona Polymers
1100 Burlington Pike
FLORENCE KY 41042
USA

Type 4 Certificate of Analysis

CELANEX 2004-2 ED4218 BLACK M0

Customer Part No.:	0899921005	Cert Issue Date:	13 Jan 2022
Formula No.:	2004-2	Qty Shipped:	10,000.000 KG
Catalog:	21008115	Order Item /date:	2510792 10 / 07 Jul 2021
Color No.:	ED4218	Delivery item/date:	87373486 900001 / 19 Jan 2022
Produced at:	Florence, KY, USA	Account #:	2066402
		Customer PO No.:	1007670234

Batch 0001616156

In reference to the above, this is to advise you that this is a standard product and meets the following requirements:

SPECIFICATIONS: CELANEX 2004-2 Natural and Black

BATCH RELEASE DATA		UoM	Value	Limit
Melt Flow Rate (MFR)	(ISO 1133-1, ASTM D1238)	g/10min	5.80	4.00 - 7.00
Melt Flow Rate (MFR) - Run Minimum		g/10min	5.70	min. 4.00
Melt Flow Rate (MFR) - Run Maximum		g/10min	6.40	max. 7.00
ANNUAL TESTS (REVISED ON)		UoM	Value	Limit
Flexural modulus (27 Jan 2021)		MPa	2222	min. 1900
Izod Notched Impact Strength (27 Jan 2021)		kJ/m ²	5.20	min. 2.00
volatile content (27 Jan 2021)		%(m)	0.05	max. 0.20
Tensile Stress at Yield (27 Jan 2021)		MPa	53.8	min. 45.0

These test data are determined based on standard ISO and/or ASTM testing procedures.

Polyester Global Business Line

If you have questions regarding this letter, please call your Customer Service Team at 800-526-4960.