

DSM Arnitel® XG5858 TPC-ET

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyester TPE , Polyester, TP

Material Notes:

Injection Molding

Order this product through the following link:

http://www.lookpolymers.com/polymer_DSM-Arnitel-XG5858-TPC-ET.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	ISO 1183
Water Absorption	0.16 %	0.16 %	Sim. To ISO 62
Moisture Absorption	0.450 %	0.450 %	Sim. To ISO 62
Melt Flow	13.8 g/10 min @Load 2.16 kg, Temperature 230 °C	13.8 g/10 min @Load 4.76 lb, Temperature 446 °F	cm ³ /10min Melt Volume-flow Rate; ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	82 @Time 3.00 sec	82 @Time 0.000833 hour	ISO 868
Tensile Strength, Ultimate	8.80 MPa	1280 psi	ISO 527-1/-2
Tensile Stress	1.90 MPa @Strain 10.0 %	276 psi @Strain 10.0 %	ISO 527-1/-2
	4.10 MPa @Strain 100 %	595 psi @Strain 100 %	ISO 527-1/-2
Elongation at Break	550 %	550 %	ISO 527-1/-2
Tensile Modulus	0.0550 GPa	7.98 ksi	ISO 527-1/-2

Thermal Properties	Metric	English	Comments
Melting Point	180 °C	356 °F	10°C/min; ISO 11357-1/-3

Electrical Properties	Metric	English	Comments
Volume Resistivity	8.40e+13 ohm-cm	8.40e+13 ohm-cm	IEC 60093
Dielectric Strength	21.5 kV/mm	546 kV/in	IEC 60243-1

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China