

DSM Stanyl® TE250F6 (COND) Nylon 46 30% Glass Reinforced, Heat Stabilized, Flame Retardant (North America)

Category : Polymer , Thermoplastic , Nylon , Nylon 46 , Nylon 46, Flame Retarded + Glass Fiber Reinforced

Material Notes:

Information provided by DSM Engineering Plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DSM-Stanyl-TE250F6-COND-Nylon-46-30-Glass-Reinforced-Heat-Stabilized-Flame-Retardant-North-America.php

Physical Properties	Metric	English	Comments
Density	1.68 g/cc	0.0607 lb/in ³	(DAM); ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	125 MPa	18100 psi	ISO 527-1/-2
Elongation at Break	3.5 %	3.5 %	ISO 527-1/-2
Tensile Modulus	8.00 GPa	1160 ksi	ISO 527-1/-2
Charpy Impact Unnotched	6.00 J/cm ²	28.6 ft-lb/in ²	ISO 179/1eU
	5.00 J/cm ² @Temperature -30.0 °C	23.8 ft-lb/in ² @Temperature -22.0 °F	ISO 179/1eU
Charpy Impact, Notched	1.10 J/cm ²	5.24 ft-lb/in ²	ISO 179/1eU
	0.900 J/cm ² @Temperature -30.0 °C	4.28 ft-lb/in ² @Temperature -22.0 °F	ISO 179/1eU

Thermal Properties	Metric	English	Comments
Melting Point	295 °C	563 °F	(DAM); ISO 11357-1/-3

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+8 ohm-cm	1.00e+8 ohm-cm	IEC 60093
Dielectric Strength	20.0 kV/mm	508 kV/in	IEC 60243-1
Comparative Tracking Index	325 V	325 V	IEC 60112

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