

DSM Stanyl® TW278F10 (PA46+PTFE)-GF50

Category : Polymer , Thermoplastic , Nylon , Nylon 46 , Nylon 46, Glass Fiber Reinforced

Material Notes:

50% Glass Reinforced, Heat Stabilized, Wear and Friction Modified

Order this product through the following link:

http://www.lookpolymers.com/polymer_DSM-Stanyl-TW278F10-PA46PTFE-GF50.php

Physical Properties	Metric	English	Comments
Density	1.69 g/cc	0.0611 lb/in ³	dry; ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	225 MPa	32600 psi	dry; ISO 527-1/-2
Elongation at Break	2.0 %	2.0 %	dry; ISO 527-1/-2
Tensile Modulus	16.0 GPa	2320 ksi	dry; ISO 527-1/-2
Izod Impact Resistance	1.80 J/cm ² @Temperature 23.0 °C	8.57 ft-lb/in ² @Temperature 73.4 °F	dry; ISO 180/1A
Charpy Impact, Notched	1.80 J/cm ² @Temperature 23.0 °C	8.57 ft-lb/in ² @Temperature 73.4 °F	dry; ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	290 °C	554 °F	10°C/min; ISO 11357-1/-3
Deflection Temperature at 1.8 MPa (264 psi)	285 °C	545 °F	dry; ISO 75-1/-2

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