

DSM Stanyl® TQ261F6 PA46-GF30

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

Material Notes:

30% Glass Reinforced, Heat Stabilized

Order this product through the following link:

http://www.lookpolymers.com/polymer_DSM-Stanyl-TQ261F6-PA46-GF30.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	dry; ISO 1183
Moisture Absorption	2.40 %	2.40 %	Sim. To ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	180 MPa	26100 psi	dry; ISO 527-1/-2
Elongation at Break	2.0 %	2.0 %	dry; ISO 527-1/-2
Tensile Modulus	9.00 GPa	1310 ksi	dry; ISO 527-1/-2
Flexural Modulus	8.80 GPa	1280 ksi	dry; ISO 178
Charpy Impact, Notched	1.20 J/cm ² @Temperature 23.0 °C	5.71 ft-lb/in ² @Temperature 73.4 °F	dry; ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	295 °C	563 °F	10°C/min; ISO 11357-1/-3
Deflection Temperature at 1.8 MPa (264 psi)	270 °C	518 °F	dry; ISO 75-1/-2

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