

DSM Akulon® N24-G6 PA6-GF30

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 30% Glass Fiber Filled

Material Notes:

30% Glass Reinforced

Order this product through the following link:

http://www.lookpolymers.com/polymer_DSM-Akulon-N24-G6-PA6-GF30.php

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in ³	dry; ISO 1183
Water Absorption	6.3 %	6.3 %	Sim. To ISO 62
Moisture Absorption	1.90 %	1.90 %	Sim. To ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	135 MPa	19600 psi	dry; ISO 527-1/-2
Elongation at Break	2.4 %	2.4 %	dry; ISO 527-1/-2
Tensile Modulus	9.30 GPa	1350 ksi	dry; ISO 527-1/-2
Charpy Impact Unnotched	6.20 J/cm ² @Temperature 23.0 °C	29.5 ft-lb/in ² @Temperature 73.4 °F	dry; ISO 179/1eU
Charpy Impact, Notched	0.900 J/cm ² @Temperature 23.0 °C	4.28 ft-lb/in ² @Temperature 73.4 °F	dry; ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	10°C/min; ISO 11357-1/-3
Deflection Temperature at 0.46 MPa (66 psi)	220 °C	428 °F	dry; ISO 75-1/-2
Deflection Temperature at 1.8 MPa (264 psi)	200 °C	392 °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