

Lanxess Durethan® BKV 35 H2.0 EF 901510 Nylon 6, 35% Glass Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 40% Glass Fiber Filled

Material Notes:

PA 6, injection molding grade, 35% glass fibers, good heat-ageing resistance, good flowability (easy flow)

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lanxess-Durethan-BKV-35-H20-EF-901510-Nylon-6-35-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0021 cm/cm	0.0021 in/in	ISO 294-4, 2577
Linear Mold Shrinkage, Transverse	0.0060 cm/cm	0.0060 in/in	ISO 294-4, 2577
Melt Flow	60 g/10 min @Load 5.00 kg, Temperature 260 °C	60 g/10 min @Load 11.0 lb, Temperature 500 °F	Estimated using room temperature density; ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	115 MPa	16700 psi	Conditioned; ISO 527-1/-2
	190 MPa	27600 psi	ISO 527-1/-2
Elongation at Break	3.0 %	3.0 %	ISO 527-1/-2
	6.0 %	6.0 %	Conditioned; ISO 527-1/-2
Tensile Modulus	6.70 GPa	972 ksi	Conditioned; ISO 527-1/-2
	10.5 GPa	1520 ksi	ISO 527-1/-2
Charpy Impact Unnotched	5.50 J/cm ² @Temperature -30.0 °C	26.2 ft-lb/in ² @Temperature -22.0 °F	ISO 179/1eU
	5.50 J/cm ² @Temperature -30.0 °C	26.2 ft-lb/in ² @Temperature -22.0 °F	Conditioned; ISO 179/1eU
	7.00 J/cm ² @Temperature 23.0 °C	33.3 ft-lb/in ² @Temperature 73.4 °F	ISO 179/1eU
	8.00 J/cm ² @Temperature 23.0 °C	38.1 ft-lb/in ² @Temperature 73.4 °F	Conditioned; ISO 179/1eU

Mechanical Properties Charpy Impact, Notched	Metric 1.00 J/cmÂ²	English 4.75 ft-lb/inÂ²	Comments ISO 179/1eA
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
	1.50 J/cmÂ²	7.14 ft-lb/inÂ²	Conditioned; ISO 179/1eA
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	30.0 Âµm/m-Â°C	16.7 Âµin/in-Â°F	ISO 11359-1/-2
CTE, linear, Transverse to Flow	90.0 Âµm/m-Â°C	50.0 Âµin/in-Â°F	ISO 11359-1/-2
Melting Point	220 Â°C	428 Â°F	10Â°C/min; ISO 11357-1/-3
Deflection Temperature at 0.46 MPa (66 psi)	220 Â°C	428 Â°F	ISO 75-1/-2
Deflection Temperature at 1.8 MPa (264 psi)	210 Â°C	410 Â°F	ISO 75-1/-2
Deflection Temperature at 8.0 MPa	160 Â°C	320 Â°F	ISO 75-1/-2

Descriptive Properties	Value	Comments
Additives	Release agent	
Features	Heat stabilized or stable to heat	
Form	Pellets	
ISO Shortname	ISO1874-PA6, MHR, 10-100, GF35	
Processing	Injection molding	
Region	Asia Pacific	
	Europe	
	Near East/Africa	
	North America	
	South and Central America	

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