

Lanxess Durethan® DP AKV 30 HR EF 901510 Nylon 66, 30% Glass Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

Material Notes:

PA 66, injection molding grade, 30% glass fibers, good heat-ageing resistance and hydrolysis resistance, good flowability (Easy Flow)

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lanxess-Durethan-DP-AKV-30-HR-EF-901510-Nylon-66-30-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.34 g/cc	0.0484 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0037 cm/cm	0.0037 in/in	ISO 294-4, 2577
Linear Mold Shrinkage, Transverse	0.0082 cm/cm	0.0082 in/in	ISO 294-4, 2577
Melt Flow	28 g/10 min @Load 5.00 kg, Temperature 270 °C	28 g/10 min @Load 11.0 lb, Temperature 518 °F	Estimated using room temperature density; ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	100 MPa	14500 psi	Conditioned; ISO 527-1/-2
	155 MPa	22500 psi	ISO 527-1/-2
Elongation at Break	3.2 %	3.2 %	ISO 527-1/-2
	8.0 %	8.0 %	Conditioned; ISO 527-1/-2
Tensile Modulus	5.30 GPa	769 ksi	Conditioned; ISO 527-1/-2
	8.80 GPa	1280 ksi	ISO 527-1/-2
Charpy Impact Unnotched	8.00 J/cm ² @Temperature 23.0 °C	38.1 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
Impact	774	774	Puncture maximum force (N); ISO 6603-2
	756 @Temperature -30.0 °C	756 @Temperature -22.0 °F	Puncture maximum force (N); ISO 6603-2
Puncture Energy	2.70 J	1.99 ft-lb	ISO 6603-2

Mechanical Properties	2.50 J Metric	1.84 ft-lb English	Comments ISO 6603-2
	@Temperature -30.0 Â°C	@Temperature -22.0 Â°F	
	2.50 J	1.84 ft-lb	Conditioned; ISO 6603-2
	@Temperature -30.0 Â°C	@Temperature -22.0 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	260 Â°C	500 Â°F	10Â°C/min; ISO 11357-1/-3
Deflection Temperature at 0.46 MPa (66 psi)	>= 250 Â°C	>= 482 Â°F	ISO 75-1/-2
Deflection Temperature at 1.8 MPa (264 psi)	240 Â°C	464 Â°F	ISO 75-1/-2

Descriptive Properties	Value	Comments
Additives	Release agent	
Features	Heat stabilized or stable to heat	
Form	Pellets	
ISO Shortname	ISO 1874-PA 66,MWHR,14-090,GF30	
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