

DuPont Performance Polymers Zytel® HTN FE350038 BK083 Polyphthalamide (PPA)

Category : Polymer , Thermoplastic , Polyphthalamide (PPA) , Polyphthalamide (PPA), 30% Glass Fiber Reinforced

Material Notes:

33% Glass Reinforced PPA High Performance Polyamide Zytel HTNFE350038 BK083 is a 33% glass reinforced heat stabilized lubricated hydrolysis resistant high performance polyamide resin developed for improved structural performance. It is also a PPA resinInformation provided by DuPont Performance Polymers

Order this product through the following link:
http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Zytel-HTN-FE350038-BK083-Polyphthalamide-PPA.php

Physical Properties	Metric	English	Comments
Density	1.42 g/cc	0.0513 lb/in³	DAM; ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	200 MPa	29000 psi	DAM; ISO 527-1/-2
Elongation at Break	2.9 %	2.9 %	DAM; ISO 527-1/-2
Tensile Modulus	10.2 GPa	1480 ksi	DAM; ISO 527-1/-2
Flexural Strength	280 MPa	40600 psi	DAM; ISO 178
Flexural Modulus	9.40 GPa	1360 ksi	DAM; ISO 178
Charpy Impact Unnotched	6.50 J/cm²	30.9 ft-lb/in²	DAM; ISO 179/1eU
Charpy Impact, Notched	1.00 J/cm²	4.76 ft-lb/in²	DAM; ISO 179/1eA
	1.00 J/cm² @Temperature -40.0 °C	4.76 ft-lb/in² @Temperature -40.0 °F	DAM; ISO 179/1eA

Descriptive Properties	Value	Comments
Additives	Lubricants	
	Release agent	
Delivery Form	Pellets	
Part Marking Code	>PA6T/XT-GF33<	ISO 11469
	>PPA-GF33<	SAE J1344
Processing	Injection Moulding	
Regional Availability	Asia Pacific	

Descriptive Properties	Value	Comments
	Global	
	Near East/Africa	
	North America	
	South and Central America	
Special Characteristics	Heat stabilised or stable to heat	

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