

DuPont Performance Polymers Zytel® HTN 52G45HSL BK083 Polyphthalamide (PPA) (Unverified Data)**

Category : Polymer , Thermoplastic , Polyphthalamide (PPA) , Polyphthalamide (PPA), 50% Glass Fiber Reinforced

Material Notes:

45% Glass Reinforced PPA High Performance Polyamide Zytel HTN52G45HSL BK083 is a 45% glass reinforced heat stabilized lubricated high performance polyamide resin that can be molded in water heated molds. It is also a PPA resin.Information provided by DuPont Performance Polymers

Order this product through the following link:
http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Zytel-HTN-52G45HSL-BK083-Polyphthalamide-PPA-Unverified-Data.php

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	235 MPa	34100 psi	DAM; ISO 527-1/-2
Elongation at Break	2.0 %	2.0 %	DAM; ISO 527-1/-2
Tensile Modulus	15.5 GPa	2250 ksi	DAM; ISO 527-1/-2
Charpy Impact Unnotched	6.50 J/cm²	30.9 ft-lb/in²	DAM; ISO 179/1eU
Charpy Impact, Notched	1.20 J/cm²	5.71 ft-lb/in²	DAM; ISO 179/1eA

Thermal Properties	Metric	English	Comments
Flame Spread	17 mm/min @Thickness 1.00 mm	0.67 in/min @Thickness 0.0394 in	ISO 3795 (FMVSS 302)

Descriptive Properties	Value	Comments
Part Marking Code	>PA6T/66-GF45<	ISO 11469
	>PPA-GF45<	SAE J1344
Processing	Injection Moulding	
Regional Availability	Asia Pacific	
	Europe	
	Global	
	Near East/Africa	
	North America	
	South and Central America	
Special Characteristics	Heat stabilised or stable to heat	

Descriptive Properties	Value	Comments
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