

DuPont Performance Polymers Zytel® HTN 51G35HSLR BK420J Polyphthalamide (PPA) (Unverified Data**)

Category : Polymer , Thermoplastic , Polyphthalamide (PPA) , Polyphthalamide (PPA), 40% Glass Fiber Reinforced

Material Notes:

35% Glass Reinforced PPA High Performance Polyamide with Improved Surface Appearance Zytel HTN51G35HSLR BK420J is a 35% glass reinforced heat stabilized lubricated high performance polyamide resin with improved hydrolysis resistance and surface appearance. Information provided by DuPont Performance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Zytel-HTN-51G35HSLR-BK420J-Polyphthalamide-PPA-Unverified-Data.php

Physical Properties	Metric	English	Comments
Density	1.46 g/cc	0.0527 lb/in ³	DAM; ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	215 MPa	31200 psi	DAM; ISO 527-1/-2
Elongation at Break	2.6 %	2.6 %	DAM; ISO 527-1/-2
Tensile Modulus	11.5 GPa	1670 ksi	DAM; ISO 527-1/-2
Flexural Modulus	10.3 GPa	1490 ksi	DAM; ISO 178
Charpy Impact, Notched	1.10 J/cm ²	5.23 ft-lb/in ²	DAM; ISO 179/1eA

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	264 °C	507 °F	DAM; ISO 75-1/-2

Descriptive Properties	Value	Comments
Part Marking Code	>PA6T/XT-GF35<	ISO 11469
	>PPA-GF35<	SAE J1344
Processing	Injection Moulding	
Regional Availability	Asia Pacific	
	Europe	
	Global	
	Near East/Africa	
	North America	

Descriptive Properties	Value	Comments
Special Characteristics	Heat stabilised or stable to heat	

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