

DuPont Performance Polymers Zytel® HTN 54G35HSLR BKB336 Polyphthalamide (PPA)

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

Material Notes:

35% Glass Reinforced laser markable PPA High Performance Polyamide Information provided by DuPont Performance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Zytel-HTN-54G35HSLR-BKB336-Polyphthalamide-PPA.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	DAM; ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	175 MPa	25400 psi	DAM; ISO 527-1/-2
Elongation at Break	3.1 %	3.1 %	DAM; ISO 527-1/-2
Tensile Modulus	10.5 GPa	1520 ksi	DAM; ISO 527-1/-2
Charpy Impact Unnotched	9.00 J/cm ²	42.8 ft-lb/in ²	DAM; ISO 179/1eU
Charpy Impact, Notched	1.20 J/cm ²	5.71 ft-lb/in ²	DAM; ISO 179/1eA

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	256 °C	493 °F	DAM; ISO 75-1/-2

Descriptive Properties	Value	Comments
Part Marking Code	>PA-IGF35<	ISO 11469
	>PPA-IGF35<	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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