

DuPont Performance Polymers Zytel® HTN FG52G35HSLR BK011
Polyphthalamide (PPA) (Unverified Data)**

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

Material Notes:
Information provided by DuPont Performance Polymers

Order this product through the following link:
http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Zytel-HTN-FG52G35HSLR-BK011-Polyphthalamide-PPA-nbspUnverified-Data.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage, Flow	0.0020 cm/cm	0.0020 in/in	DAM; ISO 294-4 2577
Linear Mold Shrinkage, Transverse	0.0080 cm/cm	0.0080 in/in	DAM; ISO 294-4 2577

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	185 MPa	26800 psi	50%RH; ISO 527-1/-2
	205 MPa	29700 psi	DAM; ISO 527-1/-2
Elongation at Break	2.2 %	2.2 %	DAM; ISO 527-1/-2
	2.6 %	2.6 %	50%RH; ISO 527-1/-2
Tensile Modulus	12.0 GPa	1740 ksi	DAM; ISO 527-1/-2
	12.0 GPa	1740 ksi	50%RH; ISO 527-1/-2
Charpy Impact Unnotched	5.00 J/cm²	23.8 ft-lb/in²	DAM; ISO 179/1eU
Charpy Impact, Notched	0.900 J/cm²	4.28 ft-lb/in²	DAM; ISO 179/1eA

Descriptive Properties	Value	Comments
Additives	Release agent	
Delivery Form	Pellets	
Processing	Injection Moulding	
Regional Availability	Europe	
	Near East/Africa	
Special Characteristics	Heat stabilised or stable to heat	

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