

## DuPont Performance Polymers Zytel® HTN LT51G35HSLR BL661A Polyphthalamide (PPA) (Unverified Data\*\*)

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

**Material Notes:**

35% Glass Reinforced Laser Weldable 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-LT51G35HSLR-BL661A-Polyphthalamide-PPA-Unverified-Data.php](http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Zytel-HTN-LT51G35HSLR-BL661A-Polyphthalamide-PPA-Unverified-Data.php)

Physical Properties	Metric	English	Comments
Density	1.47 g/cc	0.0531 lb/in <sup>3</sup>	DAM; ISO 1183
Linear Mold Shrinkage, Flow	0.0020 cm/cm	0.0020 in/in	DAM; ISO 294-4 2577
Linear Mold Shrinkage, Transverse	0.0060 cm/cm	0.0060 in/in	DAM; ISO 294-4 2577

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	235 MPa	34100 psi	DAM; ISO 527-1/-2
Elongation at Break	2.4 %	2.4 %	DAM; ISO 527-1/-2
Tensile Modulus	11.8 GPa	1710 ksi	DAM; ISO 527-1/-2
Charpy Impact, Notched	1.10 J/cm <sup>2</sup>	5.23 ft-lb/in <sup>2</sup>	DAM; ISO 179/1eA

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	262 °C	504 °F	DAM; ISO 75-1/-2

Descriptive Properties	Value	Comments
Additives	Release agent	
Delivery Form	Pellets	
Processing	Injection Moulding	
Regional Availability	Asia Pacific	
Special Characteristics	Heat stabilised or stable to heat	

### Contact Songhan Plastic Technology Co.,Ltd.

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