

## DuPont Performance Polymers Zytel® FR95G25V0NH NC010 Nylon 66 (Unverified Data\*\*)

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

### Material Notes:

25% Glass Reinforced Flame Retardant Polyamide 66 ZYTEL FR95G25V0NH NC010 is 25% glass fiber reinforced flame retardant polyamide halogen and red phosphorous free with high flow and excellent long term aging properties. Information provided by DuPont Performance Polymers

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Performance-Polymers-Zytel-FR95G25V0NH-NC010-Nylon-66-nbspUnverified-Data.php](http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Zytel-FR95G25V0NH-NC010-Nylon-66-nbspUnverified-Data.php)

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in <sup>3</sup>	DAM; ISO 1183
Water Absorption	4.0 % @Thickness 2.00 mm	4.0 % @Thickness 0.0787 in	DAM; Sim. to ISO 62
Linear Mold Shrinkage, Flow	0.0010 cm/cm	0.0010 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	90.0 MPa	13100 psi	50%RH; ISO 527-1/-2
	109 MPa	15800 psi	DAM; ISO 527-1/-2
Elongation at Break	2.2 %	2.2 %	DAM; ISO 527-1/-2
	2.2 %	2.2 %	50%RH; ISO 527-1/-2
Tensile Modulus	8.70 GPa	1260 ksi	50%RH; ISO 527-1/-2
	8.90 GPa	1290 ksi	DAM; ISO 527-1/-2
Charpy Impact Unnotched	3.10 J/cm <sup>2</sup>	14.8 ft-lb/in <sup>2</sup>	50%RH; ISO 179/1eU
	3.50 J/cm <sup>2</sup>	16.7 ft-lb/in <sup>2</sup>	DAM; ISO 179/1eU
Charpy Impact, Notched	0.460 J/cm <sup>2</sup>	2.19 ft-lb/in <sup>2</sup>	DAM; ISO 179/1eA
	0.450 J/cm <sup>2</sup> @Temperature -30.0 °C	2.14 ft-lb/in <sup>2</sup> @Temperature -22.0 °F	DAM; ISO 179/1eA
	0.450 J/cm <sup>2</sup> @Temperature -40.0 °C	2.14 ft-lb/in <sup>2</sup> @Temperature -40.0 °F	DAM; ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	267 °C	513 °F	DAM; 10°C/min; ISO 11357-1/-3
Flammability, UL94	V-0	V-0	DAM; IEC 60695-11-10
	@Thickness 1.50 mm	@Thickness 0.0591 in	
	V-0	V-0	DAM; IEC 60695-11-10
	@Thickness 0.400 mm	@Thickness 0.0157 in	

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	600 V	600 V	DAM; IEC 60112

Descriptive Properties	Value	Comments
Part Marking Code	>PA-GF25FR<	ISO 11469
Regional Availability	Asia Pacific	
	Europe	
	Global	
	Near East/Africa	
	North America	
	South and Central America	
Resin Identification	PA-GF25FR	ISO 1043
Temperature index tensile strength	160°C	IEC 60216-1; DAM; 20000hr
	190°C	IEC 60216-1; DAM; 5000hr
UL recognition	UL	DAM

## Contact Songhan Plastic Technology Co.,Ltd.

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