

Zytel® HTN FE350038 BK083

HIGH PERFORMANCE POLYAMIDE RESIN

DuPont Performance Polymers

Message:

33% Glass Reinforced, PPA, High Performance Polyamide

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Additive	Heat Stabilizer		
	Lubricant		
	Mold Release		
Features	Heat Stabilized		
	Lubricated		
Forms	Pellets		
Processing Method	Injection Molding		
Part Marking Code (ISO 11469)	>PA6T/XT-GF33<		
Part Marking Code (SAE J1344)	>PPA-GF33<		
Physical	Nominal Value	Unit	Test Method
Density	1.42	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10200	MPa	ISO 527-2
Tensile Stress (Break)	200	MPa	ISO 527-2
Tensile Strain (Break)	2.9	%	ISO 527-2
Flexural Modulus	9400	MPa	ISO 178
Flexural Stress	280	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-40°C	10	kJ/m ²	
23°C	10	kJ/m ²	
Charpy Unnotched Impact Strength (23°C)	65	kJ/m ²	ISO 179/1eU

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