

Zytel® HTN 52G45HSL BK083

HIGH PERFORMANCE POLYAMIDE RESIN

DuPont Performance Polymers

Message:

45% Glass Reinforced, PPA, High Performance Polyamide

General Information			
Filler / Reinforcement	Glass Fiber,45% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
Processing Method	Injection Molding		
Part Marking Code (ISO 11469)	>PA6T/66-GF45<		
Part Marking Code (SAE J1344)	>PPA-GF45<		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	15500	MPa	ISO 527-2
Tensile Stress (Break)	235	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	12	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	65	kJ/m²	ISO 179/1eU
Flammability	Nominal Value	Unit	Test Method
Burning Rate (1.00 mm)	17	mm/min	ISO 3795

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