

Zytel® PLUS PLSFR95G15DH2 BK269

NYLON RESIN

DuPont Performance Polymers

Message:

15% Glass Reinforced, Flame Retardant, Heat Stabilized, Polyamide

General Information			
Filler / Reinforcement	Glass Fiber, 15% Filler by Weight		
Additive	Heat Stabilizer		
	Mold Release		
Features	Heat Stabilized		
Forms	Pellets		
Processing Method	Injection Molding		
Part Marking Code (ISO 11469)	>PA-GF15FR(17)<		
Resin ID (ISO 1043)	PA-GF15FR(17)		
Physical	Nominal Value	Unit	Test Method
Density	1.48	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	0.70	%	
Flow	0.40	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7350	MPa	ISO 527-2
Tensile Stress (Break)	138	MPa	ISO 527-2
Tensile Strain (Break)	2.6	%	ISO 527-2
Flexural Modulus	6500	MPa	ISO 178
Flexural Stress	197	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	6.2	kJ/m ²	
23°C	6.4	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	36	kJ/m ²	
23°C	39	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	258	°C	ISO 75-2/B
1.8 MPa, Unannealed	237	°C	ISO 75-2/A
Melting Temperature ¹	260	°C	ISO 11357-3
Flammability	Nominal Value		Test Method

Flammability Classification		IEC 60695-11-10, -20
0.810 mm	V-0	
1.50 mm	V-0	
NOTE		
1.	10°C/min	

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