DuPont™ Zytel®

nylon resin

Zytel® 70G35HSLRA4 BK267

Zytel® 70G35HSLRA4 BK267 is a 35% glass fiber reinforced, heat stabilized, hydrolysis resistant polyamide 66 resin for injection molding. It has excellent flow characteristics.

Property	Test Method	Units	Value	
			DAM	50%RH
Identification				
Resin Identification	ISO 1043		PA66-GF35	
Part Marking Code	ISO 11469		>PA66-GF35<	
Mechanical				
Stress at Break	ISO 527	MPa (kpsi)	210 (30.5)	140 (20.3)
Strain at Break	ISO 527	%	3	5
Tensile Modulus	ISO 527	MPa (kpsi)	11200 (1600)	7800 (1130)
Notched Charpy Impact Strength	ISO 179/1eA	kJ/m^2	15	18
Unnotched Charpy Impact Strength	ISO 179/1eU	kJ/m^2	80	95
Thermal				
Deflection Temperature	ISO 75-1/-2	°C (°F)		
1.80MPa			250 (480)	
Melting Temperature	ISO 11357-1/-3	°C (°F)		
10°C/min			260 (500)	
Other				
Density	ISO 1183	kg/m^3 (g/cm^3)	1410 (1.41)	
Molding Shrinkage	ISO 294-4	%		
Normal, 2mm			1.1	
Parallel, 2mm			0.4	

Contact DuPont for Material Safety Data Sheet, general guides and/or additional information about ventilation, handling, purging, drying, etc.
ISO Mechanical properties measured at 4.0mm, ISO Electrical properties measured at 2.0mm, and all ASTM properties measured at 3.2mm.
Test temperatures are 23°C unless otherwise stated.

060902/061002

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Property	Test Method	Units	Value	
			DAM	50%RH
Processing				
Melt Temperature Range		°C (°F)	285-305 (545-580)	
Melt Temperature Optimum		°C (°F)	295 (565)	
Mold Temperature Range		°C (°F)	70-120 (160-250)	
Mold Temperature Optimum		°C (°F)	100 (210)	
Drying Time, Dehumidified Dryer		h	2-4	
Drying Temperature		°C (°F)	80 (175)	
Processing Moisture Content		%	<0.20	

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