

Zytel® 70G25HSLR BK099

NYLON RESIN
DuPont Performance Polymers

Message:
25% Glass Reinforced, Heat Stabilized, Hydrolysis Resistant, Polyamide 66

General Information				
UL YellowCard		E41938-234404		
Filler / Reinforcement		Glass Fiber,25% Filler by Weight		
Additive		Heat Stabilizer		
Features		Heat Stabilized		
Processing Method		Injection Molding		
Part Marking Code (ISO 11469)		>PA66-GF25<		
Resin ID (ISO 1043)		PA66-GF25		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.32	--	g/cm ³	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	8400	6100	MPa	ISO 527-2
Tensile Stress (Break)	180	120	MPa	ISO 527-2
Tensile Strain (Break)	3.0	6.0	%	ISO 527-2
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	11	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	60	80	kJ/m ²	ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	252	--	°C	ISO 75-2/A
Melting Temperature ¹	262	--	°C	ISO 11357-3
Flammability	Dry	Conditioned	Unit	Test Method
Burning Rate (1.00 mm)	27	--	mm/min	ISO 3795
NOTE				

1. 10°C/min

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