

Zytel® FR70M30V0 BK010

NYLON RESIN
DuPont Performance Polymers

Message:
30% Mineral Reinforced, Flame Retardant, Polyamide 66

General Information				
UL YellowCard		E41938-234506		
Filler / Reinforcement		Mineral,30% Filler by Weight		
Agency Ratings		UL Unspecified Rating		
Processing Method		Injection Molding		
Part Marking Code (ISO 11469)		>PA66-MD30FR(17)<		
Resin ID (ISO 1043)		PA66-MD30FR(17)		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.62	--	g/cm³	ISO 1183
Molding Shrinkage				ISO 294-4
Across Flow	0.90	--	%	
Flow	0.80	--	%	
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	6200	4000	MPa	ISO 527-2
Tensile Stress (Break)	65.0	45.0	MPa	ISO 527-2
Tensile Strain (Break)	2.0	3.5	%	ISO 527-2
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.5	2.5	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	20	25	kJ/m²	ISO 179/1eU
Notched Izod Impact Strength (23°C)	2.0	2.5	kJ/m²	ISO 180/1A
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	145	--	°C	ISO 75-2/A
Melting Temperature ¹	263	--	°C	ISO 11357-3
Flammability	Dry	Conditioned	Test Method	
Flammability Classification				IEC 60695-11-10, -20
	V-0			
1.50 mm	5VA	--		
0.750 mm	V-2	--		
NOTE				

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Recommended distributors for this material

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