

SOLLAMID B 2700 FV 10

Polyamide 6
Krisoll Resinas Plásticas Ltda.

Message:
SOLLAMID B 2700 FV 10 is a Polyamide 6 (Nylon 6) material filled with 10% glass fiber. It is available in Latin America. Primary attribute of SOLLAMID B 2700 FV 10: Flame Rated.

General Information				
Filler / Reinforcement		Glass Fiber,10% Filler by Weight		
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.19	--	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.85 to 1.0	--	%	ASTM D955
Water Absorption (23°C, 24 hr)	1.3	--	%	ASTM D570
Heat Stability	85 to 90	--	°C	
Hardness	Dry	Conditioned	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C)	122	105		ASTM D785
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus (23°C)	5000	3100	MPa	ASTM D638
Tensile Strength (23°C)	100	60.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	6.0	8.0	%	ASTM D638
Flexural Modulus (23°C)	4500	2900	MPa	ASTM D790
Flexural Strength (23°C)	160	80.0	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength ¹ (23°C)	5.0	7.0	kJ/m ²	ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load				ASTM D648
0.45 MPa, Unannealed	190	--	°C	
1.8 MPa, Unannealed	150	--	°C	
Melting Temperature	214 to 220	--	°C	
CLTE - Flow	3.0E-5	--	cm/cm/°C	ASTM D696
Electrical	Dry	Conditioned	Unit	Test Method
Volume Resistivity	1.0E+15	--	ohms · cm	ASTM D257
Dielectric Strength	21	--	kV/mm	ASTM D149
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating (1.60 mm)	HB	--		UL 94
NOTE				
1.	Notch B			

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Recommended distributors for this material

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