

SOLLAMID B 2700 - B 2710

Polyamide 6
Krisoll Resinas Plásticas Ltda.

Message:
SOLLAMID B 2700 - B 2710 is a Polyamide 6 (Nylon 6) material. It is available in Latin America. Primary attribute of SOLLAMID B 2700 - B 2710: Flame Rated.

General Information				
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.14	--	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	15 to 35	--	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.2 to 1.6	--	%	
Water Absorption (23°C, 24 hr)	1.5	--	%	ASTM D570
Heat Stability	80	--	°C	
Hardness	Dry	Conditioned	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C)	120	103		ASTM D785
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus (23°C)	2900	1100	MPa	ASTM D638
Tensile Strength (23°C)	75.0	40.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	50 to 100	250 to 300	%	ASTM D638
Flexural Modulus (23°C)	2800	1000	MPa	ASTM D790
Flexural Strength (23°C)	95.0	40.0	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Unnotched Izod Impact (23°C)	55	140	J/m	ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load				ASTM D648
0.45 MPa, Unannealed	180	--	°C	
1.8 MPa, Unannealed	65.0	--	°C	
Melting Temperature	214 to 220	--	°C	
CLTE - Flow	7.0E-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

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