

SOLLAMID B 2720

Polyamide 6
Krisoll Resinas Plásticas Ltda.

Message:
SOLLAMID B 2720 is a Polyamide 6 (Nylon 6) material. It is available in Latin America. Primary attribute of SOLLAMID B 2720: Flame Rated.

General Information				
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.14	--	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.2 to 1.6	--	%	
Water Absorption (23°C, 24 hr)	1.3	--	%	ASTM D570
Heat Stability	80	--	°C	
Hardness	Dry	Conditioned	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C)	120	100		ASTM D785
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus (23°C)	2900	1300	MPa	ASTM D638
Tensile Strength (23°C)	75.0	50.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	50	120	%	ASTM D638
Flexural Modulus (23°C)	2900	1000	MPa	ASTM D790
Flexural Strength (23°C)	100	40.0	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Unnotched Izod Impact (23°C)	45	85	J/m	ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load				ASTM D648
0.45 MPa, Unannealed	170	--	°C	
1.8 MPa, Unannealed	75.0	--	°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	18	--	kV/mm	ASTM D149
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating (1.60 mm)	V-2	--		UL 94

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