

SOLLAMID A 2700 - A 2710

Polyamide 66
Krisoll Resinas Plásticas Ltda.

Message:

SOLLAMID A 2700 - A 2710 is a Polyamide 66 (Nylon 66) material. It is available in Latin America. Primary attribute of SOLLAMID A 2700 - A 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 25	--	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.0 to 1.3	--	%	
Water Absorption (23°C, 24 hr)	1.3	--	%	ASTM D570
Heat Stability	100	--	°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)	3000	1500	MPa	ASTM D638
Tensile Strength (23°C)	90.0	65.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	50	250 to 300	%	ASTM D638
Flexural Modulus (23°C)	2900	1300	MPa	ASTM D790
Flexural Strength (23°C)	120	50.0	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Unnotched Izod Impact Strength (23°C)	6.0	12	kJ/m ²	ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load				ASTM D648
0.45 MPa, Unannealed	200	--	°C	
1.8 MPa, Unannealed	80.0	--	°C	
Melting Temperature	250 to 260	--	°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	V-2	--		UL 94

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