

SOLLAMID A 2700 - A 2730 FV 50

Polyamide 66
Krisoll Resinas Plásticas Ltda.

Message:

SOLLAMID A 2700 - A 2730 FV 50 is a Polyamide 66 (Nylon 66) material filled with 50% glass fiber. It is available in Latin America. Primary attribute of SOLLAMID A 2700 - A 2730 FV 50: Flame Rated.

General Information				
Filler / Reinforcement		Glass Fiber,50% Filler by Weight		
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.56	--	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.15 to 0.25	--	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.60	--	%	ASTM D570
Heat Stability	145 to 150	--	°C	
Hardness	Dry	Conditioned	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C)	125	115		ASTM D785
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus (23°C)	13500	11400	MPa	ASTM D638
Tensile Strength (23°C)	240	160	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	2.0	3.0	%	ASTM D638
Flexural Modulus (23°C)	13000	8000	MPa	ASTM D790
Flexural Strength (23°C)	335	235	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Unnotched Izod Impact Strength (23°C)	13	23	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	> 240	--	°C	
Melting Temperature	250 to 260	--	°C	
CLTE - Flow	1.8E-5	--	cm/cm/°C	ASTM D696
Electrical	Dry	Conditioned	Unit	Test Method
Volume Resistivity	1.0E+15	--	ohms·cm	ASTM D257
Dielectric Strength	22	--	kV/mm	ASTM D149
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating (1.60 mm)	HB	--		UL 94

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any

infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

