

# SOLLAMID B 2700 MW

Polyamide 6  
Krisoll Resinas Plásticas Ltda.

Message:

The SOLLAMID B 2700 MW 40 contain all the good characteristic properties of polyamide 6. Exhibits excelente behavior in injection without outcrop reinforcement and a high isotropy. The formulas MW are Reinforced with Wollastonita which improves the surface finish and Isotropy Properties.

Applications

Because of their ease in molding the Sollamid B 2700 MW 40 is suitable for excellent surface finish and paint facility. Large structural parts used mainly in the automotive sector and others too.

General Information				
Filler / Reinforcement		Mineral,40% Filler by Weight		
Features		Good Surface Finish		
		Paintable		
Uses		Automotive Applications		
		Structural Parts		
Processing Method		Injection Molding		
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.46	--	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.80 to 1.0	--	%	
Water Absorption (23°C, 24 hr)	0.90 to 1.0	--	%	ASTM D570
Heat Stability	90 to 100	--	°C	
Hardness	Dry	Conditioned	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C)	120	105		ASTM D785
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus (23°C)	6700	3500	MPa	ASTM D638
Tensile Strength (Break, 23°C)	90.0	65.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	3.0	32	%	ASTM D638
Flexural Modulus (23°C)	5800	3200	MPa	ASTM D790
Flexural Strength (23°C)	150	95.0	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact (23°C)	55	95	J/m	ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load				ASTM D648
0.45 MPa, Unannealed	185	--	°C	

1.8 MPa, Unannealed	140	--	°C	
Melting Temperature	214 to 220	--	°C	
Electrical	Dry	Conditioned	Unit	Test Method
Volume Resistivity	1.0E+12	--	ohms·cm	ASTM D257
Dielectric Strength	15	--	kV/mm	ASTM D149
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating (1.60 mm)	V-2	--		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

