Sindustris ABS LRS911M

Acrylonitrile Butadiene Styrene

Sincerity Australia Pty Ltd.

Message:

Sindustris ABS LRS911M is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in Asia Pacific for extrusion.
Important attributes of Sindustris ABS LRS911M are:
Flame Rated
Chemical Resistant
Typical applications include:
Appliances
Bags/Liners

General Information			
Features	Good Chemical Resistance		
Uses	Appliance Components Liners		
UL File Number	E306922		
Processing Method	Extrusion		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.04	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	6.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.40 to 0.70	%	ASTM D955
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [1] (Yield, 3.20 mm)	44.1	MPa	ASTM D638
Tensile Elongation [2]			ASTM D638
Yield, 3.20 mm	> 5.0	%	
Break, 3.20 mm	35	%	
Flexural Modulus [3] (3.20 mm)	2400	MPa	ASTM D790
Flexural Strength [4] (3.20 mm)	72.6	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ASTM D256
23°C, 3.20 mm	390	J/m	
23°C, 6.40 mm	340	J/m	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 6.40 mm	96.0	°C	
1.8 MPa, Unannealed, 6.40 mm	89.0	°C	
Vicat Softening Temperature	96.0	°C	ASTM D1525 [5]

Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Extrusion	**Nominal Value**	**Unit**	
Drying Temperature	70.0 to 80.0	°C	
Drying Time	3.0 to 4.0	hr	
Suggested Max Moisture	0.010	%	
Melt Temperature	200 to 250	°C	
Die Temperature	200 to 250	°C	
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	15 mm/min		
4.	15 mm/min		
5.	Rate A (50°C/h), Loading 2 (50 N)		

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