

Sindustris ABS LPI752

Acrylonitrile Butadiene Styrene

Sincerity Australia Pty Ltd.

Message:

Sindustris ABS LPI752 is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in Asia Pacific for extrusion or pipe extrusion. Primary attribute of Sindustris ABS LPI752: Impact Resistant.

Typical applications include:

Engineering/Industrial Parts

Plumbing/Piping/Potable Water

General Information			
Features	General Purpose		
	High Impact Resistance		
Uses	Fittings		
	General Purpose		
	Piping		
UL File Number	E306922		
Processing Method	Extrusion		
	Pipe Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	8.0	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)	45.1	MPa	ASTM D638
Tensile Elongation ²			ASTM D638
Yield, 3.20 mm	> 5.0	%	
Break, 3.20 mm	20	%	
Flexural Modulus ³ (3.20 mm)	2300	MPa	ASTM D790
Flexural Strength ⁴ (3.20 mm)	68.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
23°C, 3.20 mm	440	J/m	
23°C, 6.40 mm	410	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648

0.45 MPa, Unannealed	91.0	°C	
1.8 MPa, Unannealed, 6.40 mm	86.0	°C	
Vicat Softening Temperature	94.0	°C	ASTM D1525 ⁵
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

