

Abstron SE-22M

Acrylonitrile Butadiene Styrene
Bhansali Engineering Polymers Limited

Message:

Abstron SE-22M is an acrylonitrile butadiene styrene (ABS) product. It can be processed by sheet extrusion molding or profile extrusion molding, and is available in the Asia-Pacific region. Typical application areas are: thin plates. The main characteristics are: flame retardant/rated flame.

General Information			
Uses	Sheet		
	Profile		
Forms	Particle		
Processing Method	Sheet extrusion molding		
	Profile extrusion molding		
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	0.40 - 0.50	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	107		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, 3.20 mm)	40.2	MPa	ASTM D638
Flexural Modulus (6.40 mm)	1910	MPa	ASTM D790
Flexural Strength (Yield, 6.40 mm)	54.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
3.20 mm	450	J/m	ASTM D256
6.40 mm	350	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	94.0	°C	ASTM D648
Vicat Softening Temperature	107	°C	ASTM D1525 ²
Flammability	Nominal Value		Test Method
Flame Rating (3.20 mm)	HB		UL 94
Extrusion	Nominal Value	Unit	
Drying Temperature	85.0 - 90.0	°C	
Drying Time	3.0 - 3.5	hr	
Suggested Max Moisture	0.15	%	
Cylinder Zone 1 Temp.	210 - 250	°C	

Extrusion instructions

Drying Time (Tray Oven): 3 to 3.5 hrDrying Time (Hopper Dryers): 2.5 to 3 hrDrying Time (Dry Air Ovens): 2 to 2.5 hr

NOTE

- | | |
|----|--------------------|
| 1. | Type 1, 5.0 mm/min |
| 2. | 标准 B (120°C/h) |

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

