Abstron IM17 SHG

Acrylonitrile Butadiene Styrene + Acrylic (PMMA)

Bhansali Engineering Polymers Limited

Message:

Abstron IM17 SHG is an Acrylonitrile Butadiene Styrene + Acrylic (PMMA) (ABS+Acrylic) product. It is available in Asia Pacific.
Characteristics include:
Flame Rated
High Gloss

General Information			
Features	High Gloss		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.06	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	28	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.20 to 0.40	%	ASTM D955
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale, Injection Molded)	108		ASTM D785
Pencil Hardness [1]	2B		ASTM D3363
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [2] (Yield, 3.20 mm, Injection Molded)	45.1	MPa	ASTM D638
Flexural Modulus [3] (6.40 mm, Injection Molded)	2350	MPa	ASTM D790
Flexural Strength [4] (6.40 mm, Injection Molded)	68.6	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ASTM D256
23°C, 3.20 mm, Injection Molded	150	J/m	
23°C, 6.40 mm, Injection Molded	120	J/m	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load [5] (1.8 MPa, Annealed, 6.40 mm, Injection Molded)	92.0	°C	ASTM D648
Flammability	**Nominal Value**		**Test Method**
Flame Rating (3.20 mm)	HB		UL 94
NOTE			
1.	45°, 7.5 N		
2.	Type I, 5.0 mm/min		
3.	5.0 mm/min		
4.	5.0 mm/min		
5.	Annealed at 85°C for 2 hr		

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