Abstron IM17A DLW

Acrylonitrile Butadiene Styrene

Bhansali Engineering Polymers Limited

Message:

Abstron IM17A DLW is an Acrylonitrile Butadiene Styrene (ABS) product. It can be processed by injection molding and is available in Asia Pacific. Characteristics include: Flame Rated High Flow Impact Resistant

Features High Flow Medium In Medium In Processing Method Injection M Physical Nominal Val Specific Gravity 1.04 Melt Mass-Flow Rate (MFR) (220°C/10.0 33 Molding Shrinkage - Flow 0.40 to 0.60 Hardness Nominal Val Rockwell Hardness (R-Scale, Injection Molded) 112 Mechanical Nominal Val	ၢpact Resistance		
Processing Method Injection M Physical Nominal Val Specific Gravity 1.04 Melt Mass-Flow Rate (MFR) (220°C/10.0 kg) 33 Molding Shrinkage - Flow 0.40 to 0.60 Hardness Nominal Val Rockwell Hardness (R-Scale, Injection Molded) 112	npact Resistance		
Physical Nominal Val Specific Gravity 1.04 Melt Mass-Flow Rate (MFR) (220°C/10.0 kg) 33 Molding Shrinkage - Flow 0.40 to 0.60 Hardness Nominal Val Rockwell Hardness (R-Scale, Injection Molded) 112		Medium Impact Resistance	
Physical Nominal Val Specific Gravity 1.04 Melt Mass-Flow Rate (MFR) (220°C/10.0 kg) 33 Molding Shrinkage - Flow 0.40 to 0.60 Hardness Nominal Val Rockwell Hardness (R-Scale, Injection Molded) 112			
Specific Gravity 1.04 Melt Mass-Flow Rate (MFR) (220°C/10.0 33 Kg) 33 Molding Shrinkage - Flow 0.40 to 0.60 Hardness Nominal Val Rockwell Hardness (R-Scale, Injection Molded) 112	lolding		
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg) 33 Molding Shrinkage - Flow 0.40 to 0.60 Hardness Nominal Val Rockwell Hardness (R-Scale, Injection Molded) 112	ue Unit	Test Method	
kg) 33 Molding Shrinkage - Flow 0.40 to 0.60 Hardness Nominal Val Rockwell Hardness (R-Scale, Injection Molded) 112	g/cm³	ASTM D792	
Hardness Nominal Val Rockwell Hardness (R-Scale, Injection Molded) 112	g/10 min	ASTM D1238	
Rockwell Hardness (R-Scale, Injection Molded) 112	%	ASTM D955	
Molded) 112	ue Unit	Test Method	
Mechanical Nominal Val		ASTM D785	
Weenanical Wominarva	ue Unit	Test Method	
Tensile Strength 1 (Yield, 3.20 mm,Injection Molded)43.1	MPa	ASTM D638	
Flexural Modulus ² (6.40 mm, Injection Molded) 2160	MPa	ASTM D790	
Flexural Strength ³ (6.40 mm, Injection Molded) 64.7	MPa	ASTM D790	
Impact Nominal Val	ue Unit	Test Method	
Notched Izod Impact		ASTM D256	
23°C, 3.20 mm, Injection Molded 170	J/m		
23°C, 6.40 mm, Injection Molded 150	J/m		
Thermal Nominal Val	ue Unit	Test Method	
Deflection Temperature Under Load ⁴ (1.8 MPa, Annealed, 6.40 mm, Injection			
Molded) 95.0	°C	ASTM D648	
Flammability Nominal Val	ue	Test Method	
Flame Rating (3.20 mm) HB		UL 94	
NOTE			
1. Type I, 5.0 m	ım/min		
2. 5.0 mm/min			
3. 5.0 mm/min			

Annealed at 85°C for 2 hr

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