

ABS Proquigel AM-F

Acrylonitrile Butadiene Styrene

Proquigel

Message:

Higher flow and gloss than T and AM. Finds ready acceptance in very intricate parts in various special applications such as T.V. Cabinets.

General Information			
Features	High Flow		
	High Gloss		
Uses	Furniture		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	4.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	47.0	MPa	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Flexural Modulus	2300	MPa	ASTM D790
Flexural Strength (Break)	67.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
23°C, 3.20 mm	160	J/m	
23°C, 6.20 mm	140	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	88.0	°C	ASTM D648
Vicat Softening Temperature	107	°C	ASTM D1525

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