

ResMart Plus ABS

Acrylonitrile Butadiene Styrene

ResMart

Message:

High performance, High gloss, injection molding ABS

General Information			
Features	Highlight		
Agency Ratings	FDA not rated		
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)	2.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	109		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	41.4	MPa	ASTM D638
Flexural Modulus	2480	MPa	ASTM D790
Flexural Strength	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	210	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	83.9	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	80.0	°C	
Drying Time - Desiccant Dryer	4.0	hr	
Suggested Max Moisture	0.10	%	
Processing (Melt) Temp	204 - 232	°C	
Mold Temperature	40.6 - 79.4	°C	
Injection Pressure	68.9 - 96.5	MPa	
Injection instructions			
Dew Point: 0°F			

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

