

ResMart Plus ABS Black

Acrylonitrile Butadiene Styrene

ResMart

Message:

Performance, High gloss, injection molding Black ABS

General Information			
Features	Highlight		
Agency Ratings	FDA not rated		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	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	41.0	MPa	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Flexural Strength	72.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	86.1	°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	62.8 - 79.4	°C	
Injection Pressure	68.9 - 96.5	MPa	
Injection instructions			

Dew Point: 0°F

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Recommended distributors for this material

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