

ResMart ABS VH-0800 Black

Acrylonitrile Butadiene Styrene

ResMart

Message:

High performance, high gloss, injection molding flame retardant ABS

General Information			
Additive	Flame retardancy		
Features	Flame retardancy		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	5.4	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	107		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	41.0	MPa	ASTM D638
Flexural Modulus	2200	MPa	ASTM D790
Flexural Strength	75.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	220	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	76.1	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	82.2	°C	
Drying Time - Desiccant Dryer	4.0	hr	
Suggested Max Moisture	0.10	%	
Processing (Melt) Temp	179 - 210	°C	
Mold Temperature	40.6 - 70.0	°C	
Injection Pressure	68.9 - 96.5	MPa	
Injection instructions			

Dew Point: 0°F

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