

ResMart Ultra ASA HF

Acrylonitrile Styrene Acrylate

ResMart

Message:

High performance, high flow ASA with high impact and excellent weatherability.

General Information			
Features	Impact resistance, high		
	High liquidity		
	Good weather resistance		
Agency Ratings	FDA not rated		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	16	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	37.9	MPa	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Flexural Strength	65.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	190	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	88.9	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	82.2	°C	
Drying Time - Desiccant Dryer	4.0	hr	
Suggested Max Moisture	0.20	%	
Processing (Melt) Temp	199 - 243	°C	
Mold Temperature	37.8 - 80.0	°C	
Injection Pressure	68.9 - 103	MPa	
Injection instructions			

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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

