

Hysun® 678UV

Acrylonitrile Styrene Acrylate

Ravago Manufacturing Americas, LLC

Message:

Acrylonitrile-Styrene-Acrylate, High Heat, Improved Impact

General Information			
Features	High Heat Resistance		
RoHS Compliance	RoHS Compliant		
UL File Number	E157012		
Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	6.00	cm ³ /10min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.40 to 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	48.0	MPa	ISO 527-2
Tensile Strain (Break)	30	%	ISO 527-2
Flexural Modulus	2240	MPa	ISO 178
Flexural Stress	70.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	23	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	106	°C	ISO 75-2/B
1.8 MPa, Unannealed	103	°C	ISO 75-2/A
Vicat Softening Temperature	104	°C	ISO 306

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