



HYSUN® 678UV

Ravago Manufacturing Americas - Acrylonitrile Styrene Acrylate

Sunday, November 3, 2019

General Information

Product Description

Acrylonitrile-Styrene-Acrylate, High Heat, Improved Impact

General

Material Status	• Commercial: Active
Availability	• North America
Features	• High Heat Resistance
RoHS Compliance	• RoHS Compliant
UL File Number	• E157012

ASTM & ISO Properties ¹

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 (0.125 in)	0.40 to 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	6960	psi	ISO 527-2
Tensile Strain (Break)	30	%	ISO 527-2
Flexural Modulus	325000	psi	ISO 178
Flexural Stress	10200	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	11	ft·lb/in ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (66 psi, Unannealed)	223	°F	ISO 75-2/B
Heat Deflection Temperature (264 psi, Unannealed)	217	°F	ISO 75-2/A
Vicat Softening Temperature	219	°F	ISO 306

Notes

¹ Typical properties: these are not to be construed as specifications.