

# Novodur HH-112

Acrylonitrile Butadiene Styrene (ABS)



Driving Success. Together.

## Technical Datasheet

### DESCRIPTION

Novodur® HH-112 is a high heat injection molding grade. It provides extraordinary heat resistance combined with enhanced stiffness.

### FEATURES

- Very high heat resistance
- High stiffness

### APPLICATIONS

- Automotive rear lamp housings
- Glove box caps

Property, Test Condition	Standard	Unit	Values
<b>Rheological Properties</b>			
Melt Flow Rate, 220 °C/10 kg	ASTM D 1238	g/10 min	6
<b>Mechanical Properties</b>			
Izod Notched Impact Strength, 23°C (73°F)	ASTM D 256	ft-lb/in	1.9
Izod Notched Impact Strength, -30°C (-22°F)	ASTM D 256	ft-lb/in	1
Tensile Stress at Yield, 23° C	ASTM D 638	psi	8410
Tensile Modulus	ASTM D 638	psi x 10 <sup>3</sup>	406
Elongation, Failure	ASTM D 638	%	3
Flexural Strength	ASTM D 790	psi	12800
Flexural Modulus	ASTM D 790	psi x 10 <sup>3</sup>	392
<b>Thermal Properties</b>			
Vicat Softening Temperature, VST/A/50 (50°C/h, 10N)	ISO 306	°F	233
<b>Electrical Properties</b>			
Volume Resistivity	ASTM D 257	-	>1E13
<b>Other Properties</b>			
Density	ASTM D 792	-	1.05
<b>Processing</b>			
Linear Mold Shrinkage	ASTM D 955	in/in	0.0055