

Novodur HH-106

Acrylonitrile Butadiene Styrene (ABS)

TECHNICAL DATASHEET

DESCRIPTION

Novodur® HH-106 is a high heat injection molding grade providing a balanced property profile.

FEATURES

- High heat resistance

APPLICATIONS

- Center consoles
- Radiator grills
- Mirror housings

Property, Test Condition	Standard	Unit	Values
Rheological Properties			
Melt Flow Rate, 220 °C/10 kg	ASTM D 1238	g/10 min	7
Mechanical Properties			
Izod Notched Impact Strength, 23°C (73°F)	ASTM D 256	ft-lb/in	4.3
Izod Notched Impact Strength, -30°C (-22°F)	ASTM D 256	ft-lb/in	1.4
Tensile Stress at Yield, 23° C	ASTM D 638	psi	7540
Tensile Modulus	ASTM D 638	psi x 10 ³	362
Elongation, Failure	ASTM D 638	%	3
Flexural Strength	ASTM D 790	psi	11200
Flexural Modulus	ASTM D 790	psi x 10 ³	348
Thermal Properties			
Vicat Softening Temperature, VST/A/50 (10N, 50°C/h)	ISO 306	°F	222
Electrical Properties			
Volume Resistivity	ASTM D 257	-	>1E13
Other Properties			
Density	ASTM D 792	-	1.05
Processing			
Linear Mold Shrinkage	ASTM D 955	in/in	0.0055