

Novodur® 440

Acrylonitrile Butadiene Styrene

Styrolution

Message:

Novodur 440 is an injection molding grade of ABS with medium impact and high gloss.

General Information			
Features	Good Flow		
	High Gloss		
	Medium Impact Resistance		
Uses	Appliances		
	Electrical/Electronic Applications		
	Sporting Goods		
	Toys		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	20.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	48.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	34	%	ISO 527-2
Flexural Modulus	2400	MPa	ISO 178
Flexural Stress	71.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	19.0	kJ/m²	ASTM D256
Notched Izod Impact Strength			ISO 180/A
-30°C	8.0	kJ/m²	
-20°C	14	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Annealed	96.0	°C	ISO 75-2/B
1.8 MPa, Annealed	92.0	°C	ISO 75-2/A
Vicat Softening Temperature	99.0	°C	ASTM D1525 ¹
Optical	Nominal Value	Test Method	
Gardner Gloss (60°)	90	ASTM D523	
NOTE			

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

