

Novodur® 377

Acrylonitrile Butadiene Styrene

INEOS Styrolution Group GmbH

Message:

Novodur® 377 is an injection molding grade of ABS with standard impact strength, high flow and high gloss for electroplating application.

FEATURES

Standard impact strength

High flow

Easy flowing

APPLICATIONS

Home appliances

Electrical and electronics

General Injection Molding Application

Toys, Sport & Leisure

General Information			
Features	Highlight		
	High liquidity		
Uses	Electrical/Electronic Applications		
	Electrical appliances		
	Sporting goods		
	General		
	Toys		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	28.0	cm ³ /10min	ISO 1133
Molding Shrinkage	0.40 - 0.60	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	112		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield, 23°C	48.0	MPa	ISO 527-2
Fracture, 23°C	34.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	20	%	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			ISO 180/A
-30°C	7.0	kJ/m ²	ISO 180/A
-20°C	13	kJ/m ²	ISO 180/A
23°C	17	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹			
0.45 MPa, annealed	95.0	°C	ISO 75-2/B
1.8 MPa, annealed	91.0	°C	ISO 75-2/A
Vicat Softening Temperature	98.0	°C	ASTM D1525 ²
Optical	Nominal Value		Test Method
Gardner Gloss (60°)	90		ASTM D523
NOTE			
1.	4h/80°C		
2.	标准 B (120°C/h), 载荷2 (50N)		

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

