

Ravamid® B NC

Polyamide 6

Ravago Group

Message:

Natural, general purpose, medium viscosity

All the products are also available Heat Stabilized (H) and UV Stabilized (UV)

General Information			
Recycled Content	Yes		
Features	General Purpose		
	Medium Viscosity		
Uses	General Purpose		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792, ISO 1183
Molding Shrinkage - Flow	1.1 to 1.2	%	ASTM D955
Humidity	< 0.25	%	ISO 960
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638, ISO 527-2
Yield	55.0	MPa	
Break	45.0	MPa	
Tensile Elongation (Break)	60	%	ASTM D638, ISO 527-2
Flexural Modulus	2200	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	5.5	kJ/m ²	
23°C	7.5	kJ/m ²	
Notched Izod Impact (Area)			ASTM D256
-30°C	5.50	kJ/m ²	
23°C	7.50	kJ/m ²	
Notched Izod Impact Strength			ISO 180/1A
-30°C	5.5	kJ/m ²	
23°C	7.5	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	65.0	°C	ASTM D648, ISO 75-2/A
Vicat Softening Temperature	210	°C	ISO 306/B50, ASTM D1525 1
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94

1.60 mm	HB		
3.20 mm	HB		
Glow Wire Flammability Index (2.00 mm)	650	°C	IEC 60695-2-12

NOTE

1. Rate A (50°C/h), Loading 2 (50 N)

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

