

KRALASTIC® ANG-20

Acrylonitrile Butadiene Styrene

Nippon A&L; Inc.

Message:

KRALASTIC® ANG-20 is an Acrylonitrile Butadiene Styrene (ABS) material filled with 20% glass fiber. It is available in Asia Pacific or North America for injection molding.

Important attributes of KRALASTIC® ANG-20 are:

Flame Rated

Flame Retardant

General Information			
UL YellowCard	E54706-245161	E54706-245162	
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Flame Retardant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.32	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (200°C/5.0 kg)	6.50	cm³/10min	ISO 1133
Molding Shrinkage	0.20 to 0.30	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C)	115		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	83.0	MPa	ISO 527-2
Flexural Modulus (23°C)	5600	MPa	ISO 178
Flexural Stress (23°C)	117	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.0	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	89.0	°C	ISO 75-2/A
CLTE - Flow (23 to 80°C)	4.8E-5	cm/cm/°C	JIS K7197
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 90.0	°C	
Drying Time	> 3.0	hr	
Rear Temperature	180 to 210	°C	
Middle Temperature	180 to 210	°C	
Front Temperature	180 to 210	°C	
Mold Temperature	40.0 to 60.0	°C	

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

