

RONFALIN® ABS 1220 MW 20 U

Acrylonitrile Butadiene Styrene

A. Schulman Europe

Message:

20% Wollastonite mineral filled ABS compound, UV stabilized

General Information			
Filler / Reinforcement	Wollastonite (CaSiO3), 20% filler by weight		
Features	UV Stabilized		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.17	g/cm³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	4.00	cm³/10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	96.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4000	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	33.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	2.0	%	ISO 527-2/1A/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	13	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	39	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	81.0	°C	ISO 75-2/Af
Vicat Softening Temperature	93.0	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flammability Classification (1.6 mm)	HB		IEC 60695-11-10, -20
Additional Information			
1.) Not for use in food contact applications2.) Not for use in medical or pharmaceutical applications			
Injection	Nominal Value	Unit	
Drying Temperature	80	°C	
Drying Time	2.0 - 4.0	hr	
Suggested Max Regrind	30	%	
Processing (Melt) Temp	230 - 250	°C	
Mold Temperature	40 - 80	°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



WECHAT