

SCHULABLEND® (ASA/PA) M/MW NC 100

Acrylonitrile Styrene Acrylate + Nylon

A. Schulman Europe

Message:

Nanocomposite based on ASA/PA-blend for high dimensional stability

General Information				
Features		Good dimensional stability		
Processing Method		Injection molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.18	--	g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (250°C/5.0 kg)	6.00	--	cm ³ /10min	ISO 1133
Hardness	Dry	Conditioned	Unit	Test Method
Ball Indentation Hardness (H 358/10)	101	--	MPa	ISO 2039-1
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	3100	1900	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	51.0	34.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	3.1	4.7	%	ISO 527-2/1A/50
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	4.0	--	kJ/m ²	ISO 179/1eA
23°C	10	19	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	75	--	kJ/m ²	ISO 179/1eU
23°C	No Break	No Break		ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, not annealed	96.0	--	°C	ISO 75-2/Bf
1.8 MPa, not annealed	78.0	--	°C	ISO 75-2/Af
Vicat Softening Temperature				
--	184	--	°C	ISO 306/A50
--	110	--	°C	ISO 306/B50
Flammability	Dry	Conditioned	Unit	Test Method
Burning Rate (2.00 mm)	30	--	mm/min	ISO 3795
Flammability Classification				IEC 60695-11-10, -20
1.50 mm	HB	--		IEC 60695-11-10, -20

3.00 mm	HB	--		IEC 60695-11-10, -20
Glow Wire Flammability Index				IEC 60695-2-12
1.50 mm	675	--	°C	IEC 60695-2-12
3.00 mm	675	--	°C	IEC 60695-2-12
Glow Wire Ignition Temperature				IEC 60695-2-13
1.50 mm	700	--	°C	IEC 60695-2-13
3.00 mm	700	--	°C	IEC 60695-2-13

Additional Information

干燥

1.)

Not for use in food contact applications2.)

Not for use in medical or pharmaceutical applications

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

