

Shinko-Lac® ASA TW40

Acrylonitrile Styrene Acrylate

Mitsubishi Rayon America Inc.

Message:

Shinko-Lac® ASA TW40 is an Acrylonitrile Styrene Acrylate (ASA) material. It is available in North America for injection molding. Primary attribute of Shinko-Lac® ASA TW40: Heat Resistant.

General Information			
Features	High Heat Resistance		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	2.3	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	114		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	53.0	MPa	ASTM D638
Flexural Modulus (23°C)	2650	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	84.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	98	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 6.35 mm, Injection Molded	130	°C	
1.8 MPa, Unannealed, 6.35 mm, Injection Molded	116	°C	
Vicat Softening Temperature	132	°C	ISO 306/B

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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



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