

# Shinko-Lac® ASA S253

Acrylonitrile Styrene Acrylate

Mitsubishi Rayon America Inc.

## Message:

Shinko-Lac® ASA S253 is an Acrylonitrile Styrene Acrylate (ASA) material. It is available in North America for injection molding.

Important attributes of Shinko-Lac® ASA S253 are:

Flame Rated

Good Aesthetics

General Information			
Features	Pleasing Surface Appearance		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/5.0 kg)	0.80	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	51.0	MPa	ASTM D638
Flexural Modulus (23°C)	2450	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	77.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	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	99.0	°C	
1.8 MPa, Unannealed, 6.35 mm, Injection Molded	87.0	°C	
Vicat Softening Temperature	103	°C	ISO 306/B
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	HB		UL 94

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](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

