

# Shinko-Lac® ASA S359

Acrylonitrile Styrene Acrylate

Mitsubishi Rayon America Inc.

## Message:

Shinko-Lac® ASA S359 is an Acrylonitrile Styrene Acrylate (ASA) material. It is available in North America for injection molding.

Important attributes of Shinko-Lac® ASA S359 are:

Flame Rated

Good Aesthetics

Good Weather Resistance

General Information			
Features	Good Weather Resistance		
	Pleasing Surface Appearance		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/5.0 kg)	0.20	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	103		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	42.2	MPa	ASTM D638
Flexural Modulus (23°C)	1810	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	60.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	130	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	93.0	°C	
1.8 MPa, Unannealed, 6.35 mm, Injection Molded	79.0	°C	
Vicat Softening Temperature	96.0	°C	ISO 306/B
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	HB		UL 94

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Recommended distributors for this material

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