

Shinko-Lac® ASA E310

Acrylonitrile Styrene Acrylate

Mitsubishi Rayon America Inc.

Message:

Shinko-Lac® ASA E310 is an Acrylonitrile Styrene Acrylate (ASA) material. It is available in North America for extrusion.

General Information			
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/5.0 kg)	1.1	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30 to 0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	102		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	42.2	MPa	ASTM D638
Flexural Modulus (23°C)	2260	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	65.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	180	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	100	°C	
1.8 MPa, Unannealed, 6.35 mm, Injection Molded	85.0	°C	
Vicat Softening Temperature	99.0	°C	ISO 306/B

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Recommended distributors for this material

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