

Shinko-Lac® ASA E510

Acrylonitrile Styrene Acrylate

Mitsubishi Rayon America Inc.

Message:

Shinko-Lac® ASA E510 is an Acrylonitrile Styrene Acrylate (ASA) material. It is available in North America for extrusion. Primary attribute of Shinko-Lac® ASA E510: Impact Resistant.

General Information			
Features	Medium Impact Resistance		
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)	0.80	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)	93		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	38.2	MPa	ASTM D638
Flexural Modulus (23°C)	1910	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	58.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	210	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	96.0	°C	ISO 306/B

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Recommended distributors for this material

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