

Shinko-Lac® ASA TA-35

Acrylonitrile Styrene Acrylate + PC
Mitsubishi Rayon America Inc.

Message:

Shinko-Lac®ASA TA-35 is an acrylonitrile-styrene-acrylate PC (ASA PC) material. This product is available in North America and is processed by injection molding. Shinko-Lac®The main characteristics of ASA TA-35 are: impact resistance.

General Information			
Features	Impact resistance, high		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	0.50	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.55	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	44.1	MPa	ASTM D638
Flexural Modulus (23°C)	1860	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	64.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	780	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, unannealed, 6.35mm, injection molding	131	°C	ASTM D648
1.8 MPa, unannealed, 6.35mm, injection molding	114	°C	ASTM D648
Vicat Softening Temperature	126	°C	ISO 306/B
Additional Information			

Spiral Flow Length, MRC Test, 2t, 240°C, 1000 kg: 260 mm

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Recommended distributors for this material

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