

Grupo IDESA HIPS HI-840-S-01

Styrene Butadiene Block Copolymer

Grupo IDESA, S.A. de C.V.

Message:

High Impact Styrene-Butadiene Copolymer in form of pellet, that shows processability, heat stability, quick molding and flexibility.

General Information	
Features	Copolymer
	Impact resistance, high
	Workability, good
	Good formability
	Good flexibility
	Thermal Stability
	Disposable
Uses	Lining
	Electrical/Electronic Applications
	Printing press
Agency Ratings	FDA 21 CFR 177.1640
Forms	Particle
Processing Method	Extrusion
	Thermoforming
	Injection molding

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	4.1	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	29.4	MPa	ASTM D638
Fracture	32.4	MPa	ASTM D638
Tensile Elongation (Break)	45	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	96	J/m	ASTM D256

Additional Information	
Melt Mass-Flow Rate, MP-720, 200°C/5.0 kg: 3 to 5.2 g/10 minNotched Izod Impact, MP-721: 8 to 11.5 kg-cm/cmTensile Strength @ Yield, MP-722: 250 to 350 kg/cm²Tensile Strength @ Break, MP-722: 280 to 380 kg/cm²Tensile Elongation @ Break, MP-722: 35 to 55%Pellet Size. MP-725: 3 mm maxPellet>3=20 mm: 0.01% max	

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