

Grupo IDESA HIPS HI-360-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, easy molding, good elongation, impact resistance and flexibility.

General Information	
Features	Copolymer
	Impact resistance, high
	Workability, good
	Good formability
	Good flexibility
Uses	Electrical/Electronic Applications
	Industrial application
	Food container
	Toys
	Footwear
	Seat
Agency Ratings	FDA 21 CFR 177.1640
Forms	Particle
Processing Method	Extrusion
	Thermoforming
	Injection blowing molding

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	11	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	18.6	MPa	ASTM D638
Fracture	19.1	MPa	ASTM D638
Tensile Elongation (Break)	45	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	110	J/m	ASTM D256

Additional Information			
Melt Mass-Flow Rate, MP-720, 200°C/5.0 kg: 9 to 12.5 g/10 minNotched Izod Impact, MP-721: 9 to 13 kg-cm/cmTensile Strength @ Yield, MP-722: 160 to 220 kg/cm²Tensile Strength @ Break, MP-722: 160 to 230 kg/cm²Tensile Elongation @ Break, MP-722: 40 to 50%Pellet Size. MP-725: 3 mm maxPellet>3=20 mm: 0.01% max			

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Recommended distributors for this material

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