

# Grupo IDESA HIPS HI-340-L-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 and easy molding.

General Information	
Features	Copolymer
	Impact resistance, high
	Workability, good
	Good formability
Uses	Electrical/Electronic Applications
	Household goods
	Food container
	Toys
Agency Ratings	FDA 21 CFR 177.1640
Forms	Particle
Processing Method	Extrusion blow molding
	Injection molding

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	20.6	MPa	ASTM D638
Fracture	22.6	MPa	ASTM D638
Tensile Elongation (Break)	45	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	94	J/m	ASTM D256

Additional Information	
Melt Mass-Flow Rate, MP-720, 200°C/5.0 kg: 8.5 to 11.5 g/10 minNotched Izod Impact, MP-721: 8 to 11.2 kg-cm/cmTensile Strength @ Yield, MP-722: 190 to 230 kg/cm²Tensile Strength @ Break, MP-722: 210 to 250 kg/cm²Tensile Elongation @ Break, MP-722: 37 to 52%Pellet Size. MP-725: 3 mm maxPellet>3=20 mm: 0.01% max	

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