

Grupo IDESA HIPS HI-700-S-01

Styrene Butadiene Block Copolymer

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

Message:

Medium Impact Styrene-Butadiene Copolymer in form of translucent pellet, that shows flexibility, processability.

General Information	
Features	Copolymer
	Workability, good
	Good flexibility
	Disposable
	Medium impact resistance
Uses	Industrial application
	Household goods
	Food container
Agency Ratings	FDA 21 CFR 177.1640
Forms	Particle
Processing Method	Extrusion
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	27.0	MPa	ASTM D638
Fracture	29.9	MPa	ASTM D638
Tensile Elongation (Break)	34	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	74	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	97.5	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Yellowness Index	17	YI	ASTM D1925

Additional Information			
Melt Mass-Flow Rate, MP-720, 200°C/5.0 kg: 4 to 6 g/10 minNotched Izod Impact, MP-721: 6.6 to 8.5 kg-cm/cmTensile Strength @ Yield, MP-722: 230 to 320 kg/cm²Tensile Strength @ Break, MP-722: 260 to 350 kg/cm²Tensile Elongation @ Break, MP-722: 27 to 40%Vicat Softening Temperature, MP-723: 95 to 100°C			

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Recommended distributors for this material

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