

Grupo IDESA HIPS HI-30-L-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, easy molding and strength.

General Information			
Features	Copolymer		
	Workability, good		
	Good formability		
	Good strength		
	Good flexibility		
	Medium impact resistance		
Uses	Cosmetics		
	Household goods		
	Toys		
Agency Ratings	FDA 21 CFR 177.1640		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	9.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	30.4	MPa	ASTM D638
Fracture	26.5	MPa	ASTM D638
Tensile Elongation (Break)	35	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	56	J/m	ASTM D256
Additional Information			

Melt Mass-Flow Rate, MP-720, 200°C/5.0 kg: 7.5 to 11.5 g/10 minNotched Izod Impact, MP-721: 4.5 to 7 kg-cm/cmTensile Strength @ Yield, MP-722: 220 to 320 kg/cm²Tensile Strength @ Break, MP-722: 260 to 360 kg/cm²Tensile Elongation @ Break, MP-722: 24 to 45%Pellet Size. MP-725: 3 mm maxPellet>3=20 mm: 0.01% max

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