

Grupo IDESA HIPS HI-730-S-02

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.

General Information			
Features	Copolymer		
	Workability, good		
	Good formability		
	Good flexibility		
	Disposable		
	Medium impact resistance		
Uses	Household goods		
	Food container		
Agency Ratings	FDA 21 CFR 177.1640		
Appearance	Translucent		
Forms	Particle		
Processing Method	Extrusion		
	Extrusion blow molding		
	Thermoforming		
	Injection molding		
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	29.9	MPa	ASTM D638
Fracture	31.9	MPa	ASTM D638
Tensile Elongation (Break)	33	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	76	J/m	ASTM D256
Optical	Nominal Value	Unit	Test Method
Yellowness Index	16	YI	ASTM D1925
Additional Information			

The value listed as Yellowness, ASTM D1925, was tested in accordance with MP-727 test method.Melt Mass-Flow Rate, MP-720, 200°C/5.0 kg: 4 to 6 g/10 minNotched Izod Impact, MP-721: 6.5 to 9 kg-cm/cmTensile Strength @ Yield, MP-722: 260 to 350 kg/cm²Tensile Strength @ Break, MP-722: 280 to 370 kg/cm²Tensile Elongation @ Break, MP-722: 26 to 40%Pellet Size. MP-725: 3 mm maxPellet>3=20 mm: 0.01% max

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