



DIAMOND
Committed to supply
Quality Product

High Impact Polystyrene
High Gloss
HIPS-850 HG

DESCRIPTION:

DIAMOND HI-850 General Purpose High Impact “High Gloss” Polystyrene is unique in that it has excellent gloss properties. Good melt flow and good dimension stability during molding. It gives excellent balance of toughness and strength for injection molded styling parts of appliances. Regarding requirement of good gloss.

SPECIFICATIONS:

GRADE	TENSILE PROPERTIES ASTM D-638		IMPACT PROPERTIES ASTM D-256		FLEXURAL PROPERTY ASTM D-790	THERMAL PROPERTIES		OTHER PROPERTIES	
	Tensile Strength	Elongation	Izod Impact Strength	Gardner Falling Dart		ASTM D-648	ASTM D-1525	Melt Flow Index	Specific Gravity
						HDT	Vicat Softening Temp.	Gm/10mins.	-
	Kgs/Cm ²	%	Kgf-Cm/Cm	Cm-Kg	Kgs/Cm ²	°C	°C		
HIPS-850HG	220	50	12	130	325	92	98	5.0	1.04

Remarks: The data intended as general guide only and do not represent results That maybe obtained elsewhere.

CHARACTERISTICS:

Injection grade, Excellent impact strength, Superior mold ability, Good stiffness, Easy flow, Low volatility and Brilliant gloss properties.

APPLICATIONS:

TV and Audio equipments parts, Drinking cups, Washing machine parts, Air conditioners grill, Refrigerator plastic components, Plastic hangers, Cutlery, House hold product, Toys, Plastic wall clock parts, Novelties, Medical appliances, Stationary products, Sanitary products, Plastic fans parts & etc.

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