



DIAMOND
Committed to supply
Quality Product

High Impact Polystyrene.

DESCRIPTION:

DIAMOND HI-850 & HI-851 are General Purposes High Impact Polystyrene having good gloss and good dimension stability during Molding.

HI-850 Easy flow High Impact Polystyrene designed for injection molding.

HI-851 Easy flow High Impact Polystyrene designed for extrusion.

SPECIFICATIONS:

GRADE	TENSILE PROPERTIES ASTM D-638		IMPACT PROPERTIES ASTM D-256		FLEXURAL PROPERTY ASTM D-790	THERMAL PROPERTY		OTHER PROPERTIES	
	Tensile Strength	Elongation	Izod Impact Strength	Gardner Falling Dart		ASTM D-648	ASTM D-1525		
						HDT	Vicat Softening Temp.	Melt Flow Index	Specific Gravity
	Kgs/Cm ²	%	Kgf-Cm/Cm	Cm-Kg	Kgs/Cm ²	°C	°C	Gm/10mins.	-
HI- 850	220	40	12	115	325	92	98	6	1.04
HI- 851	230	50	13	110	400	94	100	3	1.04

Remarks: The data intended as general guide only and do not represent results that may be obtained elsewhere.

CHARACTERISTICS:

HI-850:

High Impact, Standard flow, Good Gloss, Low volatility & Injection moulding.

HI-851:

High Impact, Good Gloss, Low volatility & Extrusion grade.

APPLICATIONS:

HI-850:

TV & Audio Visual equipment parts, Hot & Cold drinking cups. Injection moulding grade.

HI-851:

TV & Audio Visual equipment parts, Hot & Cold drinking cups. Extrusion & Blow moulding grade.

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