



DIAMOND
Committed to supply
Quality Product

General Purpose Polystyrene.
Extrusion Grade.

DESCRIPTION:

DIAMOND GP-550 & GP-550P are General Purposes Polystyrene having excellent clarity and gloss. They are available in Blue tint and have good dimensional stability at High temperature.

GP-550 Heat resistance, Extreme Low volatility (below 750 ppm).

GP-550P Heat resistance, Extreme Low volatility & Extrusion grade.

SPECIFICATIONS:

GRADE	TENSILE PROPERTIES ASTM D-638		IMPACT PROPERTIES ASTM D-256		FLEXURAL PROPERTY ASTM D-790	THERMAL PROPERTY		OTHER PROPERTIES	
	Tensile Kgs/Cm ²	Elongation %	Izod Impact Strength Kgf-Cm/Cm	Gardner Falling Dart Cm-Kg		ASTM D-648	ASTM D-1525		
						HDT °C	Vicat Softening Temp. °C	Melt Flow Index Gm/10mins.	Specific Gravity
GP- 550	440	2	1.6	–	750	92	98	5	1.04
GP- 550P	450	2	1.6	–	900	95	100	3	1.04

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

CHARACTERISTICS:

Blue Tinted, Excellent Clarity, Good Flow, and Low Volatility (below 750 ppm).

APPLICATIONS:

GP-550:

Appliance parts, Toys, Lamp shield, Cold & Hot drinking cups, Audio cassettes & Ball Pens.

GP-550P:

Appliance parts, Toys, Lamp shield, Cold & Hot drinking cups & PSP products.

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