

DIAREX® H950

High Impact Polystyrene

PTT Global Chemical Public Company Limited

Message:

DIAREX® H950 is a High Impact Polystyrene material. It is available in Asia Pacific.

Important attributes of DIAREX® H950 are:

Flame Rated

High Gloss

General Information			
Features	High Gloss		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	3.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, Injection Molded)	112		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	33.8	MPa	ASTM D638
Tensile Elongation (Break, Injection Molded)	50	%	ASTM D638
Flexural Modulus (Injection Molded)	1790	MPa	ASTM D790
Flexural Strength (Injection Molded)	44.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Injection Molded)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, Injection Molded)	78.9	°C	ASTM D648
Vicat Softening Temperature	105	°C	ASTM D1525 ¹
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Optical	Nominal Value	Unit	Test Method
Gardner Gloss (60°)	90		ASTM D523
NOTE			

1. Loading 1 (10 N)

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Recommended distributors for this material

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