

DIAREX® H350E

High Impact Polystyrene

PTT Global Chemical Public Company Limited

Message:

DIAREX® H350E is a High Impact Polystyrene material. It is available in Asia Pacific.

Important attributes of DIAREX® H350E are:

Flame Rated

Impact Resistant

General Information			
Features	High Impact Resistance		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	3.8	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)	24.8	MPa	ASTM D638
Tensile Elongation (Break, Injection Molded)	57	%	ASTM D638
Flexural Modulus (Injection Molded)	1740	MPa	ASTM D790
Flexural Strength (Injection Molded)	32.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Injection Molded)	140	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, Injection Molded)	76.1	°C	ASTM D648
Vicat Softening Temperature	101	°C	ASTM D1525 ¹
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
NOTE			
1.	Loading 1 (10 N)		

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Recommended distributors for this material

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