

DIAREX® H310

High Impact Polystyrene

PTT Global Chemical Public Company Limited

Message:

DIAREX®H310 is a high impact polystyrene material. This product is available in the Asia-Pacific region.

DIAREX®The main features of H310 are:

flame retardant/rated flame

Impact resistance

General Information			
Features	Impact resistance, high		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	6.8	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)	22.8	MPa	ASTM D638
Tensile Elongation (Break, Injection Molded)	58	%	ASTM D638
Flexural Modulus (Injection Molded)	1520	MPa	ASTM D790
Flexural Strength (Injection Molded)	30.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (Injection Molded)	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, Injection Molded)	82.2	°C	ASTM D648
Vicat Softening Temperature	97.8	°C	ASTM D1525 ¹
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
NOTE			

1. 压力1 (10N)

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Recommended distributors for this material

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