

# DIAREX® THH103

General Purpose Polystyrene

PTT Global Chemical Public Company Limited

## Message:

DIAREX® THH103 is a General Purpose Polystyrene material. It is available in Asia Pacific.

Important attributes of DIAREX® THH103 are:

Flame Rated

Heat Resistant

General Information			
Features	High Heat Resistance		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	1.7	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale, Injection Molded)	80		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	53.1	MPa	ASTM D638
Tensile Elongation (Break, Injection Molded)	2.6	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Injection Molded)	21	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	107	°C	ASTM D1525 <sup>1</sup>
Flammability	Nominal Value	Unit	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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