

DIAREX THH102

Description :

General Purpose Polystyrene Resin

THH102 is the General Purpose Polystyrene with balance flow ability, strength and good clarity.

This grade is recommend for both extrusion and injection applications.

Typical Properties :

Properties	THH102	Unit	Test Method
<i>Physical Properties</i>			
Melt Flow Rate (200 °C, 5 kg)	2.6	g/10 min	ASTM D1238
Specific gravity	1.05	g/cm ³	ASTM D792
Vicat Softening Point (1kg)	106	°C	ASTM D1525
	223	°F	
Deflection Temperature (18.56 kg/cm ²)	81	°C	ASTM D648
	178	°F	
<i>Mechanical Properties</i>			
Tensile Strength @ Yield	530	kg/cm ²	ASTM D638
	7,500	lb/in ²	
Tensile Elongation	2.5	%	ASTM D638
Izod Impact Strength	2.2	kg.cm/cm	ASTM D256
	0.4	ft.lb/in	
Rockwell Hardness	M80	Scale	ASTM D785
Underwriter Laboratory	UL-94HB		
Type	GPPS		
	High Heat		

Data based on injection molding test pieces.

Disclaimer :

This Applications specified herein is for reference only and not suitable for using in the manufacturing of any products in medical and pharmaceutical sectors.

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Note : The above data are intended to serve as a representative guide only for natural specimens and do not necessarily represent guaranteed values.