DIAREX H370

Description :

High Impact Polystyrene Resin

H370 is the Good flow and high impact Polystyrene. It gives good mechanical properties while providing with easy process ability and short cycle time.

Typical Properties :

Properties	H370	Unit	Test Method
Physical Properties			
Melt Flow Rate (200 °C, 5 kg)	5.0	g/10 min	ASTM D1238
Specific gravity	1.04	g/cm^3	ASTM D792
Vicat Softening Point (1kg)	100	°C	ASTM D1525
	212	°F	
Deflection Temperature	74	°C	ASTM D648
(18.56 kg/cm^2)	165	°F	
Mechanical Properties			
Tensile Strength @ Yield	281	kg/cm^2	ASTM D638
	4,000	lb/in^2	
Tensile Elongation	40	%	ASTM D638
Flexural Strength	394	kg/cm^2	ASTM D790
	5,600	lb/in^2	
Flexural Modulus (x10,000)	3	kg/cm^2	ASTM D790
	43	lb/in^2	
Izod Impact Strength	10	kg.cm/cm	ASTM D785
	1.8	ft.lb/in	
Rockwell Hardness	R112	Scale	
Underwriter Laboratory	UL-94HB		
Type	HIPS		
	High Impact		

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.

- Determination of suitability of the product for the use and purpose shall be the customer's responsibility. Customer is obligated to inspect and test the product for such suitability. Customer is responsible for appropriate, safe, legal use processing and handling of the product.
- To our best knowledge, information contained herein is true and accurate as of the date of its publication. However, we make no representations or warranties with respect to accuracy, reliability and completeness of the information contained herein for any purpose.
- No warranties, express or implied, which extend beyond the description herein are given by us. Nothing herein shall constitute any implied warranty of merchantability or fitness for a particular purpose.
- We assume no liability for any use of the product in combination with other materials. The information contained herein entirely relates to the product when it is not used in combination with any third party's materials.

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

GC Marketing Solutions Company Limited
Energy Complex Building A, 9th Floor, 555/1 Vibhavadi Rangsit Road, Chatuchak, Bangkok 10900 Tel: 66 2140 4488 Fax: 66 2140 4333

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