

POLYREX® PG-22

General Purpose Polystyrene

CHI MEI CORPORATION

Message:

POLYREX® PG-22 is a General Purpose Polystyrene product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary characteristic: rohs compliant.

General Information			
UL YellowCard	E56070-100874162		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	18	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	74		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (3.00 mm)	41.7	MPa	ASTM D638
Tensile Elongation ² (Break, 3.00 mm)	2.0	%	ASTM D638
Flexural Modulus ³ (6.00 mm)	3040	MPa	ASTM D790
Flexural Strength ⁴ (6.00 mm)	53.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
23°C, 3.00 mm	15	J/m	
23°C, 6.00 mm	14	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
1.8 MPa, Unannealed	75.0	°C	
1.8 MPa, Annealed	79.0	°C	
Vicat Softening Temperature	87.0	°C	ASTM D1525 ⁵
NOTE			
1.	6.0 mm/min		
2.	6.0 mm/min		
3.	2.8 mm/min		
4.	2.8 mm/min		
5.	Rate A (50°C/h)		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

