

RenPIM® VG 5287 Polyol/ 5287 Isocyanate

Polyurethane

Huntsman Advanced Materials

Message:

A fast curing 2-component Polyurethane casting system for use in vacuum casting equipment to simulate the appearance and physical properties of a wide range of engineering thermoplastics for rapid prototyping or short series production.

RenPIM® Vacuum Grade allows you to produce thermoplastic like parts without the high cost of steel moulds and press.

Parts are made within minutes at low cost giving you time and cost savings.

The high quality parts made from RenPIM® Vacuum Grade are dimensionally stable and accurately reproduce fine surface detail and textures.

You can choose materials from a clear and concise product range at competitive prices to suit your requirements.

The products are well proven, thoroughly tested and endorsed by MCP.

General Information			
Additive	UV Stabilizer		
Features	Good Dimensional Stability		
	Good UV Resistance		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Vacuum Casting		
Hardness	Nominal Value	Test Method	
Shore Hardness (Shore D, 23°C)	80	ISO 868	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	76.0	MPa	ISO 527-2
Tensile Strain (Break)	12	%	ISO 527-2
Flexural Modulus	2400	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	116	°C	ISO 75-2/A
Thermoset	Nominal Value	Unit	
Pot Life (40°C)	4.0 to 5.0	min	
Demold Time (70°C)	120	min	
Additional Information	Nominal Value	Unit	
Maximum Layer Thickness	1.00	cm	
Mixing Ratio	100:150		

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

