

Elvakon® 4421

Polymethyl Methacrylate Acrylic

Lucite International Holland BV

Message:

Ultra low gloss acrylic capstock Lucite® Elvakon® 4421

General Information			
Features	Gloss, low		
Uses	Tread rubber		
Appearance	Rough surface polishing		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	2.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	36.0	MPa	ISO 527-2
Tensile Strain (Break)	16	%	ISO 527-2
Flexural Modulus	2000	MPa	ISO 178
Flexural Stress	64.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.1	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	30	kJ/m ²	ISO 179/1eU
Notched Izod Impact	3.1	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	93.0	°C	ISO 75-2/B
1.8 MPa, not annealed	83.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	97.0	°C	ISO 306/A
--	87.0	°C	ISO 306/B
Optical	Nominal Value	Test Method	
Gloss (60°)	10 - 15	Internal method	

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

