

Elvakon® 4420

Polymethyl Methacrylate Acrylic

Lucite International Holland BV

Message:

Ultra low gloss acrylic capstock Lucite® Elvakon® 4420

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)	8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	32.0	MPa	ISO 527-2
Tensile Strain (Break)	13	%	ISO 527-2
Flexural Modulus	1900	MPa	ISO 178
Flexural Stress	53.0	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	74.0	°C	ISO 75-2/B
1.8 MPa, not annealed	62.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	85.0	°C	ISO 306/A
--	73.0	°C	ISO 306/B
Optical	Nominal Value	Test Method	
Gloss (60°)	5 - 10	Internal method	

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Recommended distributors for this material

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