

Elvakon® CX15574

Polymethyl Methacrylate Acrylic
Lucite International Inc.

Message:

Ultra low gloss acrylic capstock Lucite® Elvakon® CX15574

General Information			
Features	Low Gloss		
Uses	Capstock		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	5.0	g/10 min	ISO 1133
Appearance - Surface Finish	Textured Matt		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	32.0	MPa	ISO 527-2
Tensile Strain (Yield)	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 Strength	3.1	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	74.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	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 ¹ (60°)	5 to 10	Internal Method	
NOTE			

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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

