

High gloss acrylic capstock Lucite® Elvakon® 4470

PROPERTY	TEST METHOD	UNITS	VALUE
THERMAL			
Melt Flow Index	ISO 1133	gms/10mins	2.9
Vicat Softening Point	ISO 306A	°C	102
	ISO 306B	°C	91
Heat Deflection Temperature	ISO 75A	°C	90
OPTICAL			
Light Transmission	ASTM D1003	%	90
Refractive Index	ISO 489	-	1.49
MECHANICAL			
Tensile Strength	ISO 527	MPa	50
Elongation	ISO 527	%	25
Flexural Modulus	ISO 178	GPa	2.1
Flexural Strength	ISO 178	MPa	67
Izod Impact Strength	ISO 180/1A	kJ/m ²	6.1
Charpy Impact Strength	ISO 179/1eA	kJ/m ²	6.0
	ISO 179/1eU	kJ/m ²	64
GENERAL			
Relative Density	ISO 1183	-	1.16
Rockwell Hardness	ISO 2039-2	M Scale	48
Water Absorption	ISO 62	%	0.35

The above data represents typical results obtained using standard test pieces, it should not form the basis of specifications. Information contained in this publication (and otherwise supplied to users) is based on our general experience and is given in good faith, but we are unable to guarantee its accuracy or to accept responsibility in respect of factors outside our knowledge or control. Freedom under patent, copyright and registered designs cannot be assumed.

Users of Lucite Elvakon should consult the relevant Material Safety Data Sheet

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