

Low gloss acrylic capstock Lucite® Elvakon® 4451

PROPERTY	TEST METHOD	UNITS	VALUE
THERMAL			
Melt Flow Index	ISO 1133	gms/10mins	3.0
Vicat Softening Point	ISO 306A	°C	89
	ISO 306B	°C	76
Heat Deflection Temperature	ISO 75A	°C	71
	ISO 75B	°C	82
OPTICAL			
Gloss Level	Lucite Test	60° obs.	15~25 ABS Sheet
Surface Finish			Matt
MECHANICAL			
Tensile Strength	ISO 527	MPa	37
Elongation	ISO 527	%	10
Flexural Modulus	ISO 178	GPa	2.5
Flexural Strength	ISO 178	MPa	51
Izod Impact Strength	ISO 180/1A	kJ/m ²	3.3
Charpy Impact Strength	ISO 179/1eA	kJ/m ²	3.5
	ISO 179/1eU	kJ/m ²	33
GENERAL			
Relative Density	ISO 1183	-	1.15

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 polymer should consult the relevant Material Safety Data Sheet

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