

## Low gloss acrylic capstock Lucite® Elvakon® 4453

PROPERTY	TEST METHOD	UNITS	VALUE
<b>THERMAL</b>			
Melt Flow Index	ISO 1133	gms/10mins	1.5
Vicat Softening Point	ISO 306A	°C	113
	ISO 306B	°C	99
Heat Deflection Temperature	ISO 75A	°C	98
	ISO 75B	°C	103
<b>OPTICAL</b>			
Gloss Level	Lucite Test	60° obs.	10~15 ABS Sheet
Surface Finish			Matt
<b>MECHANICAL</b>			
Tensile Strength	ISO 527	MPa	46
Elongation	ISO 527	%	6.0
Flexural Modulus	ISO 178	GPa	3.2
Flexural Strength	ISO 178	MPa	74
Izod Impact Strength	ISO 180/1A	kJ/m <sup>2</sup>	2.4
Charpy Impact Strength	ISO 179/1eA	kJ/m <sup>2</sup>	2.6
	ISO 179/1eU	kJ/m <sup>2</sup>	26
<b>GENERAL</b>			
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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