

## High gloss acrylic capstock Lucite® Elvakon® 4490

PROPERTY	TEST METHOD	UNITS	VALUE
<b>THERMAL</b>			
Melt Flow Index	ISO 1133	gms/10mins	3.9
Vicat Softening Point	ISO 306A	°C	84
	ISO 306B	°C	66
Heat Deflection Temperature	ISO 75A	°C	60
<b>OPTICAL</b>			
Light Transmission	ASTM D1003	%	88.5
Refractive Index	ISO 489	-	1.49
<b>MECHANICAL</b>			
Tensile Strength	ISO 527	MPa	29
Elongation	ISO 527	%	59
Flexural Modulus	ISO 178	GPa	1.2
Flexural Strength	ISO 178	MPa	38
Izod Impact Strength	ISO 180/1A	kJ/m <sup>2</sup>	8.1
Charpy Impact Strength	ISO 179/1eA	kJ/m <sup>2</sup>	9.3
	ISO 179/1eU	kJ/m <sup>2</sup>	115
<b>GENERAL</b>			
Relative Density Rockwell	ISO 1183	-	1.13
Hardness	ISO 2039-2	R Scale	72
Water Absorption	ISO 62	%	0.38

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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**DIAKON® ELVAKON® TUFLOAT® ACRYPET®**

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