

Elvakon 4494

PMMA

Lucite International

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	2.2	g/10min	ISO 1133

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	29	MPa	ISO 527
Strain at break	27	%	ISO 527
Flexural modulus, 23°C	1900	MPa	ISO 178
Charpy impact strength, +23°C	53	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5.3	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	5	kJ/m ²	ISO 180/1A
Rockwell hardness	R 74	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	66	°C	ISO 75-1/-2
Vicat softening temperature, A	84	°C	ISO 306
Vicat softening temperature, B	69	°C	ISO 306

Other properties	Value	Unit	Test Standard
Water absorption	0.4	%	Sim. to ISO 62
Density	1140	kg/m ³	ISO 1183

Characteristics**Processing**

Other Extrusion

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa