

Diakon CTG615

PMMA

Lucite International

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	8.7	g/10min	ISO 1133
Mechanical properties			
ISO Data			
Tensile Strength	56	MPa	ISO 527
Flexural modulus, 23°C	2500	MPa	ISO 178
Charpy impact strength, +23°C	29	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	2.7	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	2.8	kJ/m ²	ISO 180/1A
Rockwell hardness	M 57	-	ISO 2039-2
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	87	°C	ISO 75-1/-2
Vicat softening temperature, A	96	°C	ISO 306
Vicat softening temperature, B	86	°C	ISO 306
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Optical properties			
ASTM Data			
Haze	1.5	%	ASTM D 1003
Light Transmittance	92	%	ASTM D 1003
Other properties			
Water absorption	0.32	%	Sim. to ISO 62
Density	1160	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Applications

Automotive

Regional Availability

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