

Technická data

KÓD:**PRODUKT:**

CLEARCUT OPAL

POZNÁMKA:

TECHNICAL DATA

OBRÁZEK:**REVIZE:**

6/2026

	Property	Unit	Value
Mechanical			
	Specific Gravity	/	1.19-1.2
	Rockwell Hardness	kJ/cm ²	M-100
	Shear Strength	kJ/cm ²	630
	Flexural Strength	kJ/cm ²	1050
	Tensile Strength	kJ/cm ²	760
	Compressive Strength	kJ/cm ²	1260
Electrical			
	Dielectric Strength	kv/mm	20
	Surface resistivity	ohm	>10 ¹⁶
Optical			
	Light Transmittance	%	35
	Refractive Index	/	
Thermal			
	Specific Heat	Cal/gr.c	0,35
	Coefficient of Thermal Conductivity	Cal/see/cm/°C/cm	140-180
	Hot Foming Temp	°C	
	Hot Deformation Temp	°C	6x10 ⁻⁵
	Thermal Expansion Coefficient	cm/cm/°C	0,3
Miscellaneous			
	Water Absorption (24 Hrs)	%	None
	Taste		
	Odor		

Thickness Tolerance Of Cast Acrylic Sheet 2050 x 3050 mm

Thin	Tolerance	Thin	Tolerance
		13.0 m/m	± 0.9
		15.0 m/m	± 1
		16.0 m/m	± 1
3.0 m/m	± 0.5	18.0 m/m	± 1.2
4.0 m/m	± 0.6	20.0 m/m	± 1.4
4.5 m/m	± 0.6	25.5 m/m	± 1.5
5.0 m/m	± 0.6	30.0 m/m	± 1.8
6.0 m/m	± 0.6	35.0 m/m	± 1.8
8.0 m/m	± 0.6	40.0 m/m	± 2.1
10.0 m/m	± 0.7	45.0 m/m	± 2.1
12.0 m/m	± 0.8	50.0 m/m	± 2.3