

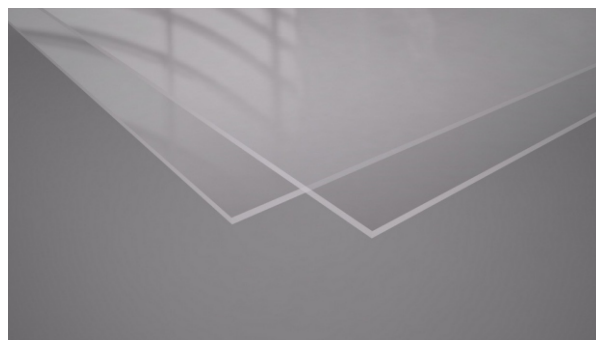
Technická data

KÓD:**PRODUKT:**

CLEARCUT

POZNÁMKA:

TECHNICAL DATA

OBRÁZEK:**REVIZE:**

7/2026



KATEGORIE

DESKOVÉ MATERIÁLY

	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
	Flammability	class	UL-94 class
Electrical			
	Dielectric Strength	kv/mm	20
	Surface resistivity	ohm	>10 ¹⁶
Optical			
	Light Transmittance	%	93
	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 Tolarance Of Cast Acrylic Sheet 2050 x 3050 mm

Thin	%	Tolerance	Thin	%	Tolerance
1.0 mm	20	± 0.2	13.0 mm	5	± 0.7
2.0 mm	15	± 0.3	15.0 mm	5	± 0.8
2.5 mm	12	± 0.3	16.0 mm	5	± 0.8
3.0 mm	10	± 0.3	18.0 mm	5.5	± 1
4.0 mm	10	± 0.4	20.0 mm	6	± 1.2
4.5 mm	9	± 0.4	25.0 mm	5	± 1.2
5.0 mm	8	± 0.4	30.0 mm	5	± 1.5
6.0 mm	7	± 0.4	35.0 mm	4	± 1.5
8.0 mm	5	± 0.4	40.0 mm	4,5	± 1.8
10.0 mm	5	± 0.5	45.0 mm	4	± 1.8
12.0 mm	5	± 0.6	50.0 mm	4	± 2.0