

PLASKOLITE

Mechanical	TEST METHOD	UNITS	CA-87
Modulus of Elasticity	ASTM D638	psi	530000
Elongation	ASTM D638	%	4.5
Flexural Strength	ASTM D790	psi	18000
Tensile Strength	ASTM D638	psi	11000
Impact Strength – Falling Weight (1/8")	ASTM D5420 GB	in-lb	2
Impact Strength – Izod (Notched)	ASTM D256	ft-lb/in	0.35

Other	TEST METHOD	UNITS	CA-87
Specific Gravity	ASTM D792	-	1.19

Thermal	TEST METHOD	UNITS	CA-87
Melt Flow Rate	ASTM D1238	g/10 min	0.7
Coefficient of Linear Thermal Expansion (-30 to 30°C)	ASTM D696	mm/(mm-oC)	6 X 10 ⁻⁵
Heat Deflection Temperature Under Load (264 psi)	ASTM D648	°F	220
Molding Shrinkage	ASTM D955	%	0.2-0.6
Vicat Softening Temperature	ASTM D1525	°F	236

Optical	TEST METHOD	UNITS	CA-87
Luminous Transmittance	ASTM D1003	%	92
Refractive Index	ASTM D542	-	1.49
Haze	ASTM D1003	%	<1.0
Yellowness Index	ASTM D1925	-	< 1.0

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.