

PLASKOLITE *West*

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General Purpose *grade*

CA-990 Clear

Applications

CA-990 Clear is a medium Impact Modified Acrylic polymer for extrusion and injection molding. This polymer offers impact strength up to seven times the strength of General Purpose acrylic polymers.

Designs & Performance

Outstanding performance, optical clarity and great light transmissions. Ideally designed for injection moldings of building decoration products such as window blocks. Excellent surface gloss and practical toughness.

<u>Property</u>	<u>Method</u>	<u>Unit</u>	<u>CA-990</u>
Specific Gravity	ASTM D-792	-	1.16
Melt Flow Rate	ASTM D-1238 condition 3.8 / 230	g / 10min	3.8
Luminous Transmittance	D-1003	%	91.3
Tensile Strength	D-638	psi	7,300
Tensile Elongation	D-638	%	5.3
Tensile Modulus	D-638	psi	290,000
Flexural Strength	D-790	psi	11,000
Heat Deflection Temp. Under Load	D-1003	°F	174
Vicat Softening Temperature	D-638	°F	233
Flammability	UL-94	-	94HB
Notched Izod Impact Strength	D-256	Ft.-lb/in	1.0
Dart Drop Impact Strength	D-3029 GB	in-lb	32.0

PLASKOLITE West
2225 E. Del Amo Blvd.
Compton, CA 90220 U.S.A.
Telephone: (800) 562-8883
General Fax: (310) 637-2450
Sales Fax: (310) 631-9494

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