

CA-81 Clear

Melts Flow Rate: 2.2

GENERAL PURPOSE GRADE

Applications

CA-81 clear is general-purpose polymer designated for injection molding and extrusions. This polymer is lubricated offers highest molecular weight.

Designs & Performance

Excellent performance and process ability. Basically design for extrusions, as well as injection molding application. Ideally the resin for extruded sheet production. Ease to process with crystal clear appearance and no odor. Excellent in blending with other resins as well as colors.

Code Compliance

- FDA approved in accordance to CFR-21, Section 177.1010 (a) and (b). Use as basic components of single and repeated use Food Contact Surfaces.
- UL-94HB approved in accordance with UL-746C requirements, suitable for Outdoor Use.
- AMECA - Not available.

<u>Property</u>	<u>Method</u>	<u>Unit</u>	<u>CA-81 data</u>
Specific Gravity	ASTM D-792	-	1.19
Melt Flow Rate	ASTM D-1238 condition 3.8 / 230	g / 10min	2.3
Luminous Transmittance	D-1003	%	92
Tensile Strength	D-638	psi	10,000
Tensile Elongation	D-638	%	4.6
Tensile Modulus	D-638	psi	500,000
Flexural Strength	D-790	F°	16,100
Heat Deflection Temp. Under Load	D-1003	F°	204
Vicant Softening Temperature	D-638	-	225
Flamability	UL-94	-	94HB
Relative Thermal Index	UL-746 C	%	90