

CA-82 Clear

Melts Flow Rate: 2.5

GENERAL PURPOSE GRADE

Applications

CA-82 clear is general-purpose polymer designated for injection molding and extrusions. This polymer contains a mold release agent and offers High molecular weight along with good heat resistance.

Designs & Performance

Excellent performance and process ability. Design for all injection molding applications for House-ware designs and Automotive. Ideally the polymer preferred by major automotive companies for their taillight lenses. Ease to process with crystal clear appearance and no odor. Excellent in blending with colors.

Code Compliance

- FDA - N/A
- UL-94HB approved in accordance with UL-746C requirements, suitable for Outdoor Use.
- Comply with SAE J576 for use in optical lenses and reflectors used on motor vehicles. Listed and approved by Automotive Manufacturing Equipment Compliance Agency (AMECA).

<u>Property</u>	<u>Method</u>	<u>Unit</u>	<u>CA-82 data</u>
Specific Gravity	ASTM D-792	-	1.19
Melt Flow Rate	ASTM D-1238 condition 3.8 / 230	g / 10min	2.5
Luminous Transmittance	D-1003	%	92
Tensile Strength	D-638	psi	9,800
Tensile Elongation	D-638	%	3.4
Tensile Modulus	D-638	psi	440,000
Flexural Strength	D-790	F°	17,100
Heat Deflection Temp. Under Load	D-1003	F°	202
Vicant Softening Temperature	D-638	-	216
Flamability	UL-94	-	94HB
Relative Thermal Index	UL-746 C	%	90

