

CA-61 Clear

Melts Flow Rate: 6.0

GENERAL PURPOSE GRADE

Applications

CA-61 clear is general-purpose polymer designated for injection molding and extrusions. This polymer offers good heat resistance with medium flow.

Designs & Performance

This polymer is well suited for decorated applications. Outstanding processability, water white appearance with no odor or taste. Excellent for blending with other polymers, or with color. Ideally designed for injection moldings of House-ware products such as; table displays, shelves displays, etc.

Code Compliance

- FDA approved in accordance to CFR-21, Section 177.100 (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.
- 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-61 data</u>
Specific Gravity	ASTM D-792	-	1.19
Melt Flow Rate	ASTM D-1238 condition 3.8 / 230	g / 10min	6
Luminous Transmittance	D-1003	%	92
Tensile Strength	D-638	psi	9,600
Tensile Elongation	D-638	%	3.4
Tensile Modulus	D-638	psi	440,000
Flexural Strength	D-790	F°	115,600
Heat Deflection Temp. Under Load	D-1003	F°	196
Vicant Softening Temperature	D-638	-	216
Flamability	UL-94	-	94HB
Relative Thermal Index	UL-746 C	%	-