

# CA-75 Clear

Melts Flow Rate: 3.2

## GENERAL PURPOSE GRADE

### Applications

CA-75 clear is general-purpose polymer designated for injection molding and extrusions. This polymer offers medium flow and maximum heat resistance.

### Designs & Performance

Excellent performance and processability for products that requires high heat resistance. Ideally the resin for the Lightning Industry. Ease to process with crystal clear appearance. Excellent in blending with lighting colors and light-diffusions.

### Code Compliance

- 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).

<b>Property</b>	<b>Method</b>	<b>Unit</b>	<b>CA-75 data</b>
Specific Gravity	ASTM D-792	-	1.19
Melt Flow Rate	ASTM D-1238 condition 3.8 / 230	g / 10min	3.2
Luminous Transmittance	D-1003	%	92
Tensile Strength	D-638	psi	10,300
Tensile Elongation	D-638	%	4.2
Tensile Modulus	D-638	psi	529,000
Flexural Strength	D-790	F°	17,600
Heat Deflection Temp. Under Load	D-1003	F°	212
Vicant Softening Temperature	D-638	-	235
Flamability	UL-94	-	94HB
Relative Thermal Index	UL-746 C	%	90