

# CA-80 Clear

Melts Flow Rate: 2.2

## GENERAL PURPOSE GRADE

### Applications

CA-80 clear is general-purpose polymer designated for extrusions. This polymer is unlubricated and offers the highest molecular weight.

### Designs & Performance

This polymer is excellent performance for extrusions of lighting and panels. Outstanding processability, and appearance with no odor or taste. Excellent for blending with other polymers and colors. Ideal for prismatic sheet extrusion which requires non-lubricant resin

### Code Compliance

- FDA - Pending
- UL-94HB - Pending
- AMECA - Pending

<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	2.2
Luminous Transmittance	D-1003	%	92
Tensile Strength	D-638	psi	10,000
Tensile Elongation	D-638	%	4.6
Tensile Modulus	D-638	psi	497,000
Flexural Strength	D-790	F°	15,200
Heat Deflection Temp. Under Load	D-1003	F°	-
Vicant Softening Temperature	D-638	-	219
Flamability	UL-746C	-	94HB
Relative Thermal Index	UL-746 ABC	%	90