

CA-51 Clear

Melts Flow Rate: 15.0

GENERAL PURPOSE GRADE

Applications

CA-51 clear is general-purpose polymer designated for injection molding applications. This resin offers the medium heat resistance with a medium melt flow rate.

Designs & Performance

Outstanding performance in decoration and cleanliness, scratch resistance on Optical products. Water-Clear appearance and design flexibility on Houseware designs.

Code Compliance

- UL-94HB approved in accordance with UL-746C requirements, suitable for Outdoor Use.
- 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.

<u>Property</u>	<u>Method</u>	<u>Unit</u>	<u>CA-51 data</u>
Specific Gravity	ASTM D-792	-	1.19
Melt Flow Rate	ASTM D-1238 condition 3.8 / 230	g / 10min	15.0
Luminous Transmittance	D-1003	%	92
Tensile Strength	D-638	psi	8,100
Tensile Elongation	D-638	%	2.6
Tensile Modulus	D-638	psi	419,000
Flexural Strength	D-790	F°	14,800
Heat Deflection Temp. Under Load	D-1003	F°	168
Vicant Softening Temperature	D-638	F°	210
Flamability	UL-94	-	94HB
Relative Thermal Index	UL-746 C	C°	85