

# CA-945 Clear

Melts Flow Rate: 1.7

## IMPACT MODIFIED GRADES

### Applications

CA-945 clear is an Impact Modified Acrylic polymer for extrusion and injection molding. This polymer offers impact strength up to six times the strength of General Purpose acrylic polymers.

### Designs & Performance

Outstanding performance, optical clarity, and great light transmissions. Ideally designed for injection moldings of Housware products and Appliances. Excellent process ability and practical toughness.

### Code Compliance

- FDA - N/A
- U.L. - N/A
- AMECA - N/A

<u>Property</u>	<u>Method ASTM</u>	<u>Unit</u>	<u>CA-945 data</u>
Specific Gravity	D-792	-	1.17
Melt Flow Rate	D-1238 (230/3.8)	g/10min	1.7
Luminous Transmittance	D-1003	%	91.6
Tensile Strength	D-638	psi	8,000
Tensile Elongation	D-638	%	N/A
Tensile Modulus	D-638	psi	N/A
Flexural Strength	D-790	psi	N/A
Heat Deflection Temp. Under Load (264 psi, 1.82 MPa)	D-648	F°	190
Vicat Softening Temperature (1 kg Load)	D-1525	F°	N/A
Flammability	UL 94	-	-
Notched Izod Impact Strength	D-256	Ft.-lb/in	0.8
Dart Drop Impact Strength	D-3029 GB	in-lb	23.0