

# CA-927 Clear

Melts Flow Rate: 4.5

## IMPACT MODIFIED GRADES

### Applications

CA-927 clear is an Impact Modified Acrylic polymer for injection molding with up to seven times the strength of General Purpose acrylic resins.

### Designs & Performance

Outstanding performance, surface gloss, optical clarity and great light transmissions. Ideally design for injection moldings of building decoration products such as window blocks, houseware products, and appliances such as display racks, etc. Practical toughness and excellent in blending with other polymers and with colorant. Outstanding Price/Performance Ratio.

### 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 the Automotive Manufacturing Equipment Compliance Agency (AMECA).

<b>Property</b>	<b>Method ASTM</b>	<b>Unit</b>	<b>CA-927 data</b>
Specific Gravity	D-792	-	1.16
Melt Flow Rate	D-1238 (230/3.8)	g/10min	4.5
Luminous Transmittance	D-1003	%	91.3
Tensile Strength	D-638	psi	7,300
Tensile Elongation	D-638	%	5.3
Tensile Modulus	D-638	psi	290,000
Flexural Strength	D-790	psi	11,000
Heat Deflection Temp. Under Load (264 psi, 1.82 MPa)	D-648	F°	174
Vicat Softening Temperature (1 kg Load)	D-1525	F°	233
Flammability	UL 94	-	94HB
Notched Izod Impact Strength	D-256	Ft.-lb/in	0.9
Dart Drop Impact Strength	D-3029 GB	in-lb	27

