

Description

CET 220 is a transparent styrene-acrylic copolymer with sparkling clarity, good toughness and scratch resistance, excellent brightness.

Features

- Easy to process
- No drying required
- Good toughness-stiffness balance
- FDA: 21 CFR 177.1830

APPLICATIONS: Tumblers, drinking cups, kitchenware, tableware, cosmetic packaging, medical devices, personal hygiene product packaging, office supplies, toys.

PROPERTIES

PHYSICAL		Unit	Value	TEST METHOD	
Specific Gravity		-	1.07	ASTM D792	
Melt Flow Rate (200 °C/5.0Kg)		g/10 min	4	ASTM D1238	
MECHANICAL	English	Value	Metric	Value	TEST METHOD
Break Elongation 0.2 in/min (5 mm/min)	%	9	%	9	ASTM D638
IMPACT	English	Value	Metric	Value	TEST METHOD
Notched Izod (0.125 in / 3.175 mm)	ft-lbf/in	0.3	J/m	16	ASTM D256
OPTICAL		Unit	Value	TEST METHOD	
Light Transmittance		%	90	ASTM D1003	

Typical values represent average laboratory values and are intended as guides only, not as specification limits.

Properties designated in this standar have been determined in accordance with the current issue of the specified testing methods.

SUGGESTED INJECTION MOLDING CONDITIONS

	°C	°F
Rear Zone	170-180	338-356
Middle Zone	180-190	356-374
Front Zone	200-210	392-410
Nozzle	210-220	410-428
Mold	40	104
Maximum Recommended	250	482

ADDITIONAL INFORMATION

Resirene's materials are biological and chemically inert. If possible recycling of final parts is recommended. If you require dispose it, follow indications established by government laws, related norms and the material safety data sheet.

WARNING:

Combustion of this material may cause hazardous fumes and gases that may be dangerous to one's health, especially in enclosed places. It should be noted that excessive heating or long residence times may cause degradation or yellowing.

NOTE:

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