

CET® 240

Styrene Methyl Methacrylate Acrylic Copolymer

Resirene, S.A. de C.V.

Message:

A transparent styrene-acrylic copolymer with sparkling clarity, good toughness and scratch resistance, that is easy to process.

General Information			
UL YellowCard	E85100-251689		
Features	Rigid, good		
	Copolymer		
	Workability, good		
	Scratch resistance		
	Definition, high		
	Good toughness		
	Compliance of Food Exposure		
Uses	Cosmetic Packaging		
	Packaging		
	Electrical appliances		
	Toys		
	Medical/nursing supplies		
	Medical devices		
Agency Ratings	USP Class VI		
Appearance	Clear/transparent		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	1900	MPa	ASTM D638
Tensile Strength ² (Break)	22.0	MPa	ASTM D638
Tensile Elongation ³ (Break)	45	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	21	J/m	ASTM D256
Unnotched Izod Impact (3.18 mm)	260	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	70.0	°C	ASTM D648
Vicat Softening Temperature	72.0	°C	ASTM D1525

Flammability	Nominal Value		Test Method
Flame Rating (1.52 mm)	HB		UL 94
Optical	Nominal Value	Unit	Test Method
Transmittance	88.0	%	ASTM D1003
Injection	Nominal Value	Unit	
Rear Temperature	160 - 170	°C	
Middle Temperature	170 - 180	°C	
Front Temperature	180 - 190	°C	
Nozzle Temperature	200 - 210	°C	
Processing (Melt) Temp	< 250	°C	
Mold Temperature	40.0	°C	
NOTE			
1.	5.0 mm/min		
2.	5.0 mm/min		
3.	5.0 mm/min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

