

CET® 231 DB

Resirene, S.A. de C.V. - Acrylic (SMMA) + SBC

General Information

Product Description

SMMA/SMC DRY BLEND

FEATURES

- High Clarity
- Easy to Process
- Practical Toughness
- FDA Compliant

APPLICATIONS

- Glassware
- Household Products
- Cosmetic Packaging
- Personal Hygiene Items

General

Features	<ul style="list-style-type: none"> • Copolymer • Good Processability 	<ul style="list-style-type: none"> • Good Toughness • High Clarity 	
Uses	<ul style="list-style-type: none"> • Cosmetic Packaging • Household Goods 	<ul style="list-style-type: none"> • Hygiene • Kitchenware 	<ul style="list-style-type: none"> • Packaging
Agency Ratings	<ul style="list-style-type: none"> • FDA 		
Appearance	<ul style="list-style-type: none"> • Clear/Transparent 		
Processing Method	<ul style="list-style-type: none"> • Injection Molding 		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.06		ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ²	364000	psi	ASTM D638
Tensile Strength ² (Yield)	5800	psi	ASTM D638
Tensile Strength ² (Break)	7110	psi	ASTM D638
Tensile Elongation ² (Yield)	2.0	%	ASTM D638
Tensile Elongation ² (Break)	9.0	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (0.125 in)	3.3	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	167	°F	ASTM D648
Vicat Softening Temperature	208	°F	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Light Transmittance	90.0	%	ASTM D1003
Haze	1.40	%	ASTM D1003

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Processing Information

Injection	Nominal Value	Unit
Rear Temperature	338 to 356	°F
Middle Temperature	356 to 374	°F
Front Temperature	392 to 410	°F
Processing (Melt) Temp	< 482	°F

Notes

¹ Typical properties: these are not to be construed as specifications.

² 0.20 in/min