

**CET® 241 DB**

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

## General Information

**Product Description**

SMMA/SBC DRY BLEND

**FEATURES**

- Excellent Clarity
- Easy to Process
- Impact Resistant
- FDA Compliant

**APPLICATIONS**

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

**General**

Material Status	• Commercial: Active
Availability	• Europe • Latin America • North America
Features	• Copolymer • Good Processability • Good Impact Resistance • High Clarity
Uses	• Cosmetic Packaging • Hygiene • Packaging • Household Goods • Kitchenware
Agency Ratings	• FDA
Appearance	• Clear/Transparent
Processing Method	• Injection Molding

 Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.05		ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	6.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>2</sup>	342000	psi	ASTM D638
Tensile Strength <sup>2</sup> (Yield)	4930	psi	ASTM D638
Tensile Strength <sup>2</sup> (Break)	3630	psi	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	2.0	%	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	36	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (0.125 in)	0.37	ft·lb/in	ASTM D256
Unnotched Izod Impact (0.125 in)	4.0	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	214	°F	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Light Transmittance	90.0	%	ASTM D1003
Haze	1.60	%	ASTM D1003

## 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

