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

Features	• Copolymer • Good Impact Resistance	• Good Processability • High Clarity	
Uses	• Cosmetic Packaging • Household Goods	• Hygiene • Kitchenware	• Packaging
Agency Ratings	• FDA		
Appearance	• Clear/Transparent		
Processing Method	• Injection Molding		

Properties [1]

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 [2]	342000	psi	ASTM D638
Tensile Strength [2] (Yield)	4930	psi	ASTM D638
Tensile Strength [2] (Break)	3630	psi	ASTM D638
Tensile Elongation [2] (Yield)	2.0	%	ASTM D638
Tensile Elongation [2] (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			ASTM D648
264 psi, Unannealed	167	°F	
Vicat Softening Temperature	214	°F	ASTM D1525
Optical	**Nominal Value**	**Unit**	**Test Method**
Light Transmittance	90.0	%	ASTM D1003
Haze	1.60	%	ASTM D1003

CET® 241 DB

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

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