

ME1000

Description

Excellent ESCR and organoleptic property.
Injection molding and compression molding of bottle caps and closures.

Application

Cap & Closure for beverage bottles of sparkling water and
Carbonated soft drinks

Properties	Method	Condition	Unit	ME1000
Physical				
MFI	ASTM D1238	190°C, 2.16kg load	g/10min	0.9
Density	ASTM D792	Method A	g/cm ³	0.952
Mechanical				
Tensile Strength at Yield Point(kgf/cm ²)	ASTM D638	50mm/min	kgf/cm ²	260
Elongation at Break Point	ASTM D638	50mm/min	%	>500
Flexural Modulus(kgf/cm ²)	ASTM D790	Press sheet, 1% Secant	kgf/cm ²	8000
Izod Impact Strength(kgf·cm/cm)	ASTM D256	23°C, Notched	kgf·cm/cm	8
Hardeness(Shore D)	ASTM D2240	Shore D		64
Thermal				
Melting Temperature	LG Method	by DSC	°C	131
Vicat Softening Temperature	ASTM D1525	A50	°C	123

Note

The properties data in this table are typical values, and not guaranteed specification.
Typical resin property values are measured on a standard compression molded specimens.

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