

# ME8000

## Description

Excellent processing performance  
Injection molding of bottle caps and closures

## Application

Cap & Closure for beverage bottles of still mineral water and  
juice, Crates

Properties	Method	Condition	Unit	ME8000
<b>Physical</b>				
MFI	ASTM D1238	190°C, 2.16kg load	g/10min	8
Density	ASTM D792	Method A	g/cm <sup>3</sup>	0.957
<b>Mechanical</b>				
Tensile Strength at Yield Point(kgf/cm <sup>2</sup> )	ASTM D638	50mm/min	kgf/cm <sup>2</sup>	290
Elongation at Break Point	ASTM D638	50mm/min	%	>500
Flexural Modulus(kgf/cm <sup>2</sup> )	ASTM D790	Press sheet, 1% Secant	kgf/cm <sup>2</sup>	10500
Hardeness(Shore D)	ASTM D2240	Shore D		65
ESCR	ASTM D1693	Condition B, F50	hr	4
<b>Thermal</b>				
Melting Temperature	LG Method	by DSC	°C	132
Vicat Softening Temperature	ASTM D1525	A1	°C	124

## 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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