

ASTM Property

Grade	CL9800
Product	HDPE

General Information

Key Features	- For Injection Molding - Good stiffness, Good Fluidity, Organoleptic Grade
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Applications	Cap & Closure for Still Mineral Water
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Item	Measuring Method	Unit	Value
Physical			
Melt Flow Index	ASTM D1238	g/10min	10.0
Density	ASTM D1505	g/cm ³	0.958
Mechanical			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	250
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/cm ²	13,000
Impact			
Izod Impact Strength(notched) (23°C)	ASTM D256	kgf·cm/cm	5
Thermal			
VICAT Softening Temperature	ASTM D1525	°C	127
Additional Properties			
ESCR	ASTM D1693	F50hr	4

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001

* The last update date : 2026/06/01