

General Information

Description

- ◆ CL9010 is a HDPE resin with broad molecular weight distribution designed for cap & closure.
- ◆ Good Fluidity behavior
- ◆ Additive : Slip Agent

Applications

- ◆ Cap & Closure for Carbonated Soft Drinks.

Physical Properties¹

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	1.0	g/10min		
Density	ASTM D1505	0.955	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ASTM D638	240	kgf/cm ²	23.5	MPa
Tensile Strain (Break)	ASTM D638	>500	%	>500	%
Flexural Modulus	ASTM D790	9,500	kgf/cm ²	931	MPa
Impact					
Notched Izod Impact Strength (23℃)	ASTM D256	15	kgf·cm/cm	147	J/m
Thermal					
VICAT Softening Point	ASTM D1525	122	℃		
Additional Properties					
ESCR	ASTM D1693	140	F50 Hours		

NOTE

ISO 9001, 14001, /TS 16949

¹ Physical Properties : these are not to be construed as specifications