

C2106EC-01 (Development Grade)

Thermoplastic resin

Special Characteristics : C2106EC-01 is a non – PVC compound based on polyolefin raw material. This product designed for regulated applications including food contact packaging product. It exhibits high hardness and provides excellent process ability and good sealing properties. This grade is suitable for cap liner application in extrusion process.

Typical Applications : Cap Liner

Typical Properties :

Properties	C2106EC-01	Unit	Test Method
Physical Properties			
Melt Flow Rate 190°C, 2.16 kg	7.7	g/10 min	ASTM D1238
Density	0.93	g/cm ³	ASTM D792
Mechanical Properties*			
Hardness	97	Shore A	ISO 868
Tensile Strength	13	MPa	ASTM D638
Elongation at break	281	%	ASTM D638
Thermal Properties*			
Vicat at 10 N	93	°C	ASTM D1525

International Compliance

Food contact applicable

- Notification of Public Health (Thailand No.295)
- US FDA 21 CFR 177.1520
- Overall migration (EU10/2011)
- Specific migration of heavy metal (EU10/2011)

**All specimens were prepared by a compression molding.*

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