

Technical Data Sheet

Icorene N1004

Ethylene Vinyl Acetate Copolymer
LyondellBasell Industries
Custom Powders

Product Description

ICORENE® N1004 is a premium copolymer of ethylene vinyl acetate specifically designed for thin shrink film for food packaging.

The vinyl acetate content is about 9%.

This grade is flexible, for very transparent film requiring high strength and good sealability.

General

Additive	• Antioxidant		
Features	• Food Contact Acceptable		
Uses	• Film • Food Packaging	• Laminates • Shrink Wrap	• Stretch Wrap
Agency Ratings	• EU Food Contact	• FDA Food Contact	
Forms	• Powder		
Processing Method	• Compounding Extrusion		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.929 g/cm ³	0.929 g/cm ³	Internal Method
Melt Mass-Flow Rate (MFR) (190 °C/2.16 Kg)	3.0 g/10 min	3.0 g/10 min	ASTM D1238
Vinyl Acetate Content	9.0 wt%	9.0 wt%	Internal Method
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	174 °F	79.0 °C	ISO 306
Melting Temperature	207 °F	97.0 °C	ISO 11357

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Injection	Nominal Value (English)	Nominal Value (SI)
Processing (Melt) Temp	302 to 356 °F	150 to 180 °C

Notes

These are typical property values not to be construed as specification limits.