

ICORENE® N1014

Ethylene Vinyl Acetate Copolymer
Custom Powders

Product Description

ICORENE® N1014 is a premium copolymer of ethylene vinyl acetate specifically designed for the preparation of masterbatch. The powder form can achieve better colour developments or additive dispersion in a masterbatch than the pellet form.

The vinyl acetate content is about 33%.

This grade has a maximum processing temperature of 200°C.

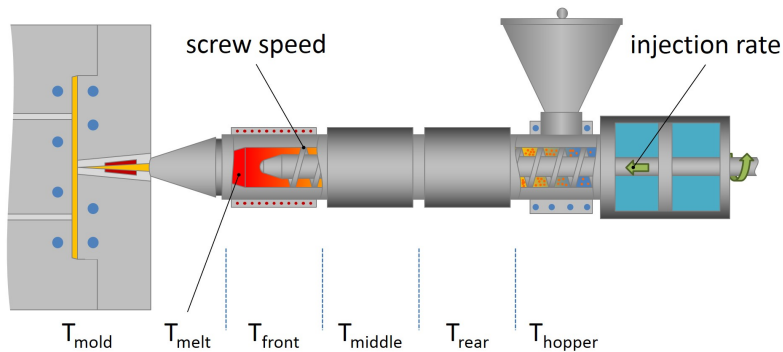
General

Material Status	• Commercial: Active		
Availability	• Europe		
Additive	• Heat Stabilizer		
Features	• Copolymer • Dispersible	• Food Contact Acceptable • Good Colorability	• Heat Stabilized
Uses	• Adhesives	• Masterbatch	
Agency Ratings	• EU Food Contact, Unspecified Rating	• FDA Food Contact, Unspecified Rating	
Forms	• Powder		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.956 g/cm ³	0.956 g/cm ³	Internal Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	45 g/10 min	45 g/10 min	ASTM D1238
Vinyl Acetate Content	33.0 wt%	33.0 wt%	
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A)	73	73	ASTM D2240
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Continuous Use Temperature	< 392 °F	< 200 °C	
Peak Melting Temperature	138 °F	59.0 °C	ASTM D3418

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Injection	Nominal Value (English)	Nominal Value (SI)
Processing (Melt) Temp	< 392 °F	< 200 °C

Notes

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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