

**Technical Data Sheet****Icorene N1015**

Ethylene Vinyl Acetate Copolymer

LyondellBasell Industries

Custom Powders

**Product Description**

ICORENE® N1015 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 19%.

This grade can be used in various applications such as hot melt adhesives with a maximum processing temperature of 200°C.

**General**

|                 |                              |                                                  |                   |
|-----------------|------------------------------|--------------------------------------------------|-------------------|
| Material Status | • Commercial: Active         |                                                  |                   |
| Availability    | • Europe                     |                                                  |                   |
| Additive        | • Heat Stabilizer            |                                                  |                   |
| Features        | • Copolymer<br>• Dispersible | • Food Contact Acceptable<br>• Good Colorability | • Heat Stabilized |
| Uses            | • Adhesives                  | • Masterbatch                                    |                   |
| Forms           | • Powder                     |                                                  |                   |

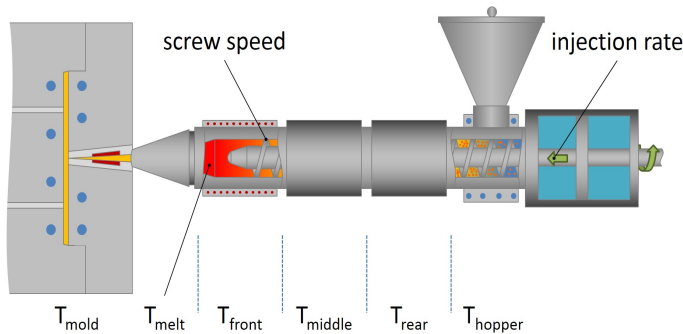
| Physical                                  | Nominal Value (English) | Nominal Value (SI)      | Test Method     |
|-------------------------------------------|-------------------------|-------------------------|-----------------|
| Density                                   | 0.941 g/cm <sup>3</sup> | 0.941 g/cm <sup>3</sup> | Internal Method |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 150 g/10 min            | 150 g/10 min            | ASTM D1238      |
| Vinyl Acetate Content                     | 19.0 wt%                | 19.0 wt%                | Internal Method |
| Thermal                                   | Nominal Value (English) | Nominal Value (SI)      | Test Method     |
| Continuous Use Temperature                | < 392 °F                | < 200 °C                |                 |
| Peak Melting Temperature                  | 178 °F                  | 81.0 °C                 | ASTM D3418      |

## Technical Data Sheet



# Icorene N1015

Ethylene Vinyl Acetate Copolymer  
LyondellBasell Industries  
Custom Powders



| 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.

### Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

### Company Information

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

© LyondellBasell Industries Holdings, B.V. 2024

### Disclaimer

Information in this document is accurate to the best of our knowledge at the date of publication. The document is designed to provide users general information for safe handling, use, processing, storage, transportation, disposal and release and does not constitute any warranty or quality specification, either express or implied, including any warranty of merchantability or fitness for any particular purpose. Users shall determine whether the product is suitable for their use and can be used safely and legally.

In addition to any prohibitions of use specifically noted in this document, LyondellBasell may further prohibit or restrict the sale of its products into certain applications. For further information, please contact a LyondellBasell representative.

### Trademarks

The Trademark referenced within the product name is owned or used by the LyondellBasell family of companies.