



## Technical Data Sheet

# CAPILENE® MU 32 EC

## Specialty Polyolefin



### Product Description

**CAPILENE® MU 32 EC** is a special polyolefin designed for high-speed extrusion coating and lamination.

- Features:**
- Good adhesion to substrates
  - High temperature resistance
  - Good organoleptic properties
  - Low neck-in
  - Low coating weight
  - Good moisture barrier

- Uses:**
- Coating paper, paperboard, woven or nonwoven fabrics, plastic films

- Processing Methods:**
- Extrusion coating
  - Lamination

| Properties                           |                 | Method   | Typical Value* | Unit              |
|--------------------------------------|-----------------|----------|----------------|-------------------|
| <b>Physical</b>                      |                 |          |                |                   |
| <b>Melt Flow Rate</b>                | (230°C/2.16 kg) | ISO 1133 | 29             | g/10 min          |
| <b>Density</b>                       |                 | ISO 1183 | 0.9            | g/cm <sup>3</sup> |
| <b>Mechanical</b>                    |                 |          |                |                   |
| <b>Flexural Modulus</b>              | (5 mm/min)      | ISO 178  | 1100           | MPa               |
| <b>Izod Impact Strength, notched</b> | (+23°C)         | ISO 180  | 3              | kJ/m <sup>2</sup> |

\*Typical values; not to be construed as specifications.

### Typical Extrusion Coating Conditions

**CAPILENE® MU 32 EC** can be processed by commercial extrusion coating equipment within melt temperature range of 280-330°C.

### Health, Quality, Regulations and Safety

This product is not classified as dangerous substance and intended for industrial use, to produce plastic articles. Material safety data sheets, international standards certificates and other regulatory documents are available on our website. Carmel Olefins products have not been tested and therefore not validated for use in pharmaceutical/medical applications, and their suitability for these uses cannot be guaranteed. It is the customer's responsibility to test and approve their technical and regulatory suitability in order to satisfy themselves as to the particular purpose and application(s).

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