

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
Physical				
Melt Flow Rate	(230°C/2.16 kg)	ISO 1133	29	g/10 min
Density		ISO 1183	0.9	g/cm ³
Mechanical				
Flexural Modulus	(5 mm/min)	ISO 178	1100	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	3	kJ/m ²

*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).

