

Product Description

CAPILENE® G 86 E is a polypropylene homopolymer intended for extrusion applications.

Features:

- Low water carry-over

Uses:

- Tapes
- Strapping
- Raffia
- Carpet backing
- Technical items

Processing Methods:

- Extrusion
- Thermoforming
- Injection molding

Properties

Physical

Properties	Method	Typical Value*	Unit
Melt Flow Rate			
(230°C/2.16 kg)	ISO 1133	3	g/10 min

Mechanical

Tensile Stress at Yield	(50 mm/min)	ISO 527-2	35	MPa
Tensile Strain at Yield	(50 mm/min)	ISO 527-2	11	%
Flexural Modulus	(5 mm/min)	ISO 178	1600	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	3.5	kJ/m ²

Thermal

Vicat Softening Temperature	(10 N)	ISO 306	155	°C
Heat Deflection Temperature	(0.45 MPa)	ISO 75-2	100	°C

*Typical values; not to be construed as specifications.

Health, Quality, Regulations and Safety

This product is not classified as dangerous substance. Material safety data sheets, international standards certificates (e.g. ISO 9001) 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).