

Pakro Kimya Dış Ticaret A.Ş.

Vİstoç Ticaret Merkezi Aktem Plaza Kat:5 Daire:33 Bağcılar/İstanbul 0212 659 26 01-02
 www.pakrokimya.com.tr
 0212 659 26 03
 Info@pakrokimya.com.tr

Technical Data Sheet CAPILENE® MT 34 EC Specialty Polypropylene



Product Description

CAPILENE® MT 34 EC is a special polypropylene designed for high-speed extrusion coating and lamination.

Features:	• •	Good adhesion to s High temperature r Good organoleptic	resistance	 Low neck-in Low coating Good moist 	g weight
• 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 <mark>.16 kg)</mark>	ISO 1133	25	g/10 min
Density			ISO 1183	0.9	g/cm ³
Mechanical					
Flexural Modulus		(5 mm/min)	ISO 178	1000	MPa
Izod Impact Strength,	notched	(+23°C)	ISO 180	3	_kJ/m²
Thermal					
Vicat Softening Tempe	erature	(10 N)	ISO 306	126	°C
Heat Deflection Tempe	erature	(0.45 MPa)	ISO 75-2	80	°C

*Typical values; not to be construed as specifications.

Typical Extrusion Coating Conditions

CAPILENE® **MT 34 EC** can be processed by commercial extrusion coating equipment within melt temperature range of 280-330°C.

A standard temperature setting profile for an extrusion coating line with 90 mm extruder screw diameter and 32D screw length would be:

Extruder: 230 - 260 - 280 - 300 - 320°C

Adapter and screen changer: 310°C

Feed block: 310°C

Die-head: 310°C

A nip distance from die to chill-roll of 150 to 220 mm is recommended.

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. This product is not intended for use in medical or pharmaceutical applications and we do not support its use for such applications.

Carmel Olefins Ltd. POB 1468 Haifa 31014 Israel Website: <u>http://www.Carmel-Olefins.co.il</u> Email: <u>techserv@caol.co.il</u> Date: June 2017

The information contained herein is to our knowledge accurate and reliable as of the date of publication. Carmel Olefins extends no warranties and makes no representations as to the accuracy or completeness of the information contained herein and assumes no responsibility regarding the consequences of its use or for any printing errors. Our products are intended for sale to industrial and commercial customers. It is the customer's responsibility to inspect and test our products in order to satisfy himself as to the suitability of the products for the customer's particular purpose. The customer is also responsible for the appropriate, safe and legal use, processing and handling of our products.