Date: June 2017

CAPILENE® QM 45 F Polypropylene Random Copolymer



Product Description

CAPILENE® QM 45 F is a polypropylene random copolymer intended for cast film extrusion.

Features:	Excellent transparencyHigh gloss	 Slip and antiblock additives
Uses:	High clarity filmsLamination films	 Food packaging Injection molded items

Processing Methods: Cast film extrusion Injection molding

Properties	<u> </u>		Method	Typical Value*	Unit
Physical					
Melt Flow Rate		(230°C/2.16 kg)	ISO 1133	9.5	g/10 min
Mechanical					
Tensile Stress at Yield		(50 mm/min)	ISO 527-2	23	MPa
Tensile Strain at Yield		(50 mm/min)	ISO 527-2	15	%
Flexural Modulus		(5 mm/min)	ISO 178	900	МРа
Izod Impact Strength	, notched	(+23°C)	ISO 180	4	kJ/m²
Thermal					1
Vicat Softening Tempo	erature	(10 N)	ISO 306	132	°C
Heat Deflection Temp	erature	(0.45 MPa)	ISO 75-2	70	°C
Optical					
Haze		(40 µm film)	ASTM D1003	2	%

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

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