

Technical Data Sheet

EGYPELENE™ FM525J

Polypropylene, Homopolymer

Product Description

EGYPELENE™ FM525J is a polypropylene Homo Polymer suitable for production of biaxially oriented polypropylene films (BOPP). The product is suitable for metallizable film, both as monolayer and in coextruded structures. It contains a standard processing stabilization but does not contain any slip, anti-blocking agents and no Calcium Stearate. EGYPELENE™ FM525J offers good optical, easy processing and very good film profile.

Product Characteristics

Processing Methods	BOPP
Features	Good transparency, Good gloss, High stiffness, Good optical properties Calcium stearate free, Phthalate free, Reactor grade, Good processability and Good color stability
Typical Customer Applications	Thermoformed Food Containers Food packaging: biscuits, chocolates, chips, baked foods, pasta, snack foods, pet foods etc. Non-food packaging: soaps, detergents and textile bags.

Typical Properties	Normal Value	Units	Test Methods
Physical			
Melt flow	3	g/10 min	ISO 1133
Density	0.9	g/cc	ISO 1183
Mechanical			
Flexural Modulus	1350	Mpa	ISO 178
Tensile Stress at Break, (23 °C, 50mm/min)	20	Mpa	ISO 527
Tensile Stress at Yield, (23 °C, 50mm/min)	32	Mpa	ISO 527
Tensile Strain at Yield, (23 °C, 50mm/min)	10	%	ISO 527
Thermal			
Vicat Softening Temperature	153	°C	ISO 306

Regulatory Information

Egyptian Propylene & Polypropylene Company© certify that the above product is in compliance with the USA FDA code of Federal Regulations (CFR 21) section 177.1520 (C) 1.1 and is suitable for use in articles that contact food also is in compliance with the EU Regulation 10/2011 as amended.

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