

Technical Data Sheet

EGYPELENE® FB35

Polypropylene, Homopolymer

Product Description

EGYPELENE® FB35 is a polypropylene homopolymer suitable for extrusion applications with high melt flow rate. EGYPELENE™ FB35 is designed for the production of continuous filaments (CF), bulk continuous filaments (BCF) and fine denier staple fibers resulting in excellent nonwoven tensile properties. Typical applications are carpets and nonwovens. Produced with narrow distributed molecular weight polypropylene resins. Has a special developed anti gas fading formulation to minimize discoloration of fibers.

Product Characteristics

Processing Methods	Continuous filament/spinning, Staple fiber
Features	High Melt flow Rate (MFR) , Reactor grade, Good processability, Gas-fading resistant and Good color stability.
Typical Customer Applications	Bulk continuous filament, Continuous filament, nonwoven, Staple fiber.

Typical Properties

Typical Properties	Normal Value	Units	Test Methods
Physical			
Melt flow	35	g/10 min	ISO 1133
Density	0.9	g/cc	ISO 1183
Mechanical			
Flexural Modulus	1300	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)	11	%	ISO 527
Thermal			
Vicat Softening Temperature	153	°C	ISO 306

Regulatory Information

Egyptian Propylene & Polypropylene 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.

Disclaimer

Information in this document is accurate to the best of our knowledge at the date of publication. The document is designed to provide users general information for safe handling, use, processing, storage, transportation, disposal and release and does not constitute any warranty or quality specification, either express or implied, including any warranty of merchantability or fitness for any particular purpose. Users shall determine whether the product is suitable for their use and can be used safely and legally. In addition to any prohibitions of use specifically noted in this document, EPP may further prohibit or restrict the sale of its products into certain applications. For further information, please contact Egyptian Propylene & Polypropylene at info@epp-eg.com