

Technical Data Sheet

EGYPELENE™ SB561R

Polypropylene, Homopolymer

Product Description

EGYPELENE™ SB561R is a polypropylene Homo Polymer suitable for extrusion applications. EGYPELENE™ SB561R is used for the production of continuous filaments. Typical applications are high-tenacity yarns (HTY) and Spunbond Nonwovens.

Produced with very 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; fibers; spunbond

Features

Gas-fading resistant, Peroxide grade, Good processability and Good color stability

Typical Customer Applications

Non-woven and fibers used in: Diapers, feminine care, tissues, crop/flower protection and protective clothing.

Typical Properties	Normal Value	Units	Test Methods
Physical			
Melt flow	25	g/10 min	ISO 1133
Density	0.9	g/cc	ISO 1183
Mechanical			
Flexural Modulus	1250	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 Company© certify that the above product is in compliance with the USA FDA code of Federal Regulations (CFR 21) section 1771520 (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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