



Technical Data Sheet

EGYPELENE® SB561R

Polypropylene, Homopolymer

Product Description

EGYPELENE® SB561R is a polypropylene homopolymer 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 resin.

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 , 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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