

Total PPH 3662 Polypropylene Homopolymer, Fiber Grade, for Staple Fiber, Multifilament Yarns and Slit Tape

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Fiber Grade

Material Notes:

Fading Resistance TOTAL Polypropylene 3662 is formulated to resist gas fading while maintaining excellent processing stability. Process Stability. 3662 features excellent processability and the good physical properties necessary for fibers and multifilaments. FDA. 3662 complies with all applicable FDA regulations for food contact applications. Recommended Applications. TOTAL Polypropylene 3662 is recommended for staple fibers and bulk continuous filament (BCF) yarns. Information provided by Total Petrochemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-PPH-3662-Polypropylene-Homopolymer-Fiber-Grade-for-Staple-Fiber-Multifilament-Yarns-and-Slit-Tape.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.905 g/cc	0.905 g/cc	ASTM D1505
Melt Flow	10.2 g/10 min	10.2 g/10 min	ASTM D1238, L

Mechanical Properties	Metric	English	Comments
Elongation at Yield	70 %	70 %	ASTM D3218
Tensile Modulus	1.79 GPa	260 ksi	ASTM D638
Tenacity	0.309 N/tex	3.50 g/denier	ASTM D3218
Flexural Modulus	1.655 GPa	240.0 ksi	ASTM D790
Flexural Stiffness	1310 MPa	190000 psi	ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	DSC

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