

TOTAL Polypropylene PPH 3662

Polypropylene Homopolymer

TOTAL Refining & Chemicals

Message:

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

General Information			
Additive	Anti-gas fading		
Features	Food Contact Acceptable		
	Gas-fading Resistant		
	Good Processability		
	Good Processing Stability		
Uses	BCF Yarn		
	Fibers		
	Filaments		
	Staple Fibers		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1790	MPa	ASTM D638
Elongation ¹	70	%	ASTM D3218
Flexural Stiffness	1.31	GPa	ASTM D790
Tenacity of Fibers ²	3.50	g/denier	ASTM D3218
Flexural Modulus	1650	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	166	°C	DSC
Extrusion	Nominal Value	Unit	
Melt Temperature	204 to 260	°C	
NOTE			
1.	1.5 dpf Multifilament		
2.	1.5 dpf Multifilament		

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Recommended distributors for this material

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