# TOTAL Polypropylene PPH 3762

### Polypropylene Homopolymer

#### **TOTAL Refining & Chemicals**

#### Message:

TOTAL Polypropylene 3762 is formulated to resist gas fading while maintaining excellent processing stability up to 250°C.

TOTAL Polypropylene 3762 features excellent processability and the good physical properties necessary for fibers and multifilaments.

TOTAL Polypropylene 3762 complies with all applicable FDA regulations for food contact.

TOTAL Polypropylene 3762 is recommended for staple fibers and bulk continuous filament (BCF) yarns.

General Information			
Additive	Anti-smoke fade		
Features	Resistance to gas fading		
	Workability, good		
	Good processing stability		
	Compliance of Food Exposure		
Uses	BCF line		
	staple fiber		
	Filament		
	Fiber		
Agency Ratings	EC 1907/2006 (REACH)		
	FDA Food Exposure, Not Rated		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Fiber (spinning) extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16			
kg)	18	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1650	MPa	ASTM D638
Flexural Modulus	1520	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	104	°C	ASTM D648
Melting Temperature	166	°C	DSC
Additional Information	100		D3C
	ortios:Elovural Stiffnoss ASTM D700-17	EDOO noisoftoning Point 150	to 155°CTonacity, ACTM D2210, 2.2
Elongation, ASTM D3218: 65%Fiber Propeg/denier	erties.Flexurai Stilliless, ASTIVI D/90: 17	3000 psisortening Point: 150 t	10 133 CTEHACILY, ASTIVI D3216. 3.2
		Unit	

Melt Temperature 204 - 250 °C

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#### Recommended distributors for this material

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