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			
Elongation, ASTM D3218: 65%Fiber Properties:Flexural Stiffness, ASTM D790: 175000 psiSoftening Point: 150 to 155°CTenacity, ASTM D3218: 3.2 g/denier			
Extrusion	**Nominal Value**	**Unit**	

Melt Temperature	204 - 250	°C

Recommended distributors for this material

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