

TOTAL Polypropylene PPH 3462

Polypropylene Homopolymer

TOTAL Refining & Chemicals

Message:

TOTAL Polypropylene 3462 is formulated to give excellent process stability in extrusion applications.
TOTAL Polypropylene 3462 complies with all applicable FDA regulations for food contact applications.
TOTAL Polypropylene 3462 is recommended for slit film, monofilament, and fibrillated tape applications requiring improved process stability.

General Information			
Features	Good processing stability		
	Compliance of Food Exposure		
Uses	Films		
	Strap		
	monofilament		
Agency Ratings	EC 1907/2006 (REACH)		
	FDA Food Exposure, Not Rated		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Film extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.1	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1520	MPa	ASTM D638
Tensile Strength (Yield)	34.5	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	1380	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256A
Unnotched Izod Impact (23°C)	910	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	107	°C	ASTM D648
Melting Temperature	166	°C	DSC
Additional Information			
Elongation: 28%Fiber Properties:Tenacity: 5.8 g/denier			
Extrusion	Nominal Value	Unit	

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Recommended distributors for this material

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