

## Total PPH 3462 Polypropylene, Extrusion Grade

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

### Material Notes:

Homopolymer extrusion grade for slit film and fibrillated tapes Process Stability --FINA 3462 is formulated to give excellent process stability in extrusion applications. FDA - FINA 3462 complies with all applicable FDA regulations for food contact applications. Recommended Applications -- FINA 3462 is recommended for slit film monofilament and fibrillated tape applications requiring improved process stability. Processing - FINA 3462 processes on conventional extrusion equipment with typical melt temperatures of 400-500°F (204-260°C) Data provided by the manufacturer, Total Petrochemicals. Total Petrochemicals acquired former Fina and Atofina plastics product lines.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Total-PPH-3462-Polypropylene-Extrusion-Grade.php](http://www.lookpolymers.com/polymer_Total-PPH-3462-Polypropylene-Extrusion-Grade.php)

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	4.1 g/10 min	4.1 g/10 min	ASTM D1238L

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	92	92	ASTM D288A
Hardness, Shore D	80	80	ASTM D1706
Tensile Strength, Ultimate	34.5 MPa	5000 psi	ASTM D638
Elongation at Break	12 %	12 %	ASTM D638
Modulus of Elasticity	1.515 GPa	219.7 ksi	ASTM D638
Flexural Modulus	1.38 GPa	200 ksi	ASTM D790
Izod Impact, Notched	0.317 J/cm	0.594 ft-lb/in	ASTM D256A
Izod Impact, Unnotched	9.00 J/cm	16.9 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	DSC
Deflection Temperature at 0.46 MPa (66 psi)	107 °C	225 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	200 - 260 °C	392 - 500 °F	Extrusion

## **Contact Songhan Plastic Technology Co.,Ltd.**

**Website : [www.lookpolymers.com](http://www.lookpolymers.com)**

**Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)**

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**