

Total PPH 3860X Polypropylene, Extrusion Grade

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

Material Notes:

High flow reactor grade homopolymer for nonwoven fibers High Purity - FINA 3860X features extremely high purity for processing in micro denier fibers. FDA - FINA 3860X complies with all applicable FDA regulations for food contact applications. Recommended Applications - FINA 3860X is recommended for nonwoven fiber applications. Processing - FINA 3860X resin processes on conventional extrusion equipment with typical melt temperatures of 450-550°F (232-288°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-3860X-Polypropylene-Extrusion-Grade.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------|---------------------------|-------------|
| Density | 0.905 g/cc | 0.0327 lb/in ³ | ASTM D1505 |
| Melt Flow | 100 g/10 min | 100 g/10 min | ASTM D1238L |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|-----------|-----------|-----------|
| Modulus of Elasticity | 1.655 GPa | 240.0 ksi | ASTM D638 |
| Flexural Modulus | 1.517 GPa | 220.0 ksi | ASTM D790 |

| Thermal Properties | Metric | English | Comments |
|--------------------|--------|---------|----------|
| Melting Point | 165 °C | 329 °F | DSC |

| Processing Properties | Metric | English | Comments |
|-----------------------|--------------|--------------|-----------|
| Melt Temperature | 232 - 288 °C | 450 - 550 °F | Extrusion |

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