

## A. Schulman PP 3476 Polypropylene Homopolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

### Material Notes:

Description Polypropylene PP 3476 is a homopolymer polypropylene for use in the process of multi-filaments, high tenacity continuous filament yarn and fine denier staple fibers. Information provided by A. Schulman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_A-Schulman-PP-3476-Polypropylene-Homopolymer-Polypropylene.php](http://www.lookpolymers.com/polymer_A-Schulman-PP-3476-Polypropylene-Homopolymer-Polypropylene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.905 g/cc	0.905 g/cc	ASTM D792
Melt Flow	18 g/10 min @Load 2.16 kg, Temperature 230 °C	18 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	35.0 MPa	5080 psi	50 mm/min; ASTM D638
Elongation at Yield	9.0 %	9.0 %	50 mm/min; ASTM D638
Tenacity	0.256 N/tex	2.90 g/denier	process conditions: draw ratios - 3.3, roll speed - 1250 m/min, spring temp - 225°, D 1000/68; ASTM D2556
Flexural Modulus	1.31 GPa	190 ksi	ASTM D790
Izod Impact, Notched	0.267 J/cm	0.500 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	164 °C	327 °F	by DSC

## Contact Songhan Plastic Technology Co.,Ltd.

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