

Bapolene® 4017 Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Bapolene 4017 is a homopolymer polypropylene with outstanding modulus. It complies with FDA 21 CFR1777.1520.Applications: Strapping, profile extrusion, and general purpose.Bapolene® and Bapolan® are registered trademarks of Bamberger Polymers, Inc. Information provided by Bamberger Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_Bapolene-4017-Polypropylene.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------|---------------------------|-------------|
| Density | 0.900 g/cc | 0.0325 lb/in ³ | ASTM D-1505 |
| Melt Flow | 1.3 g/10 min | 1.3 g/10 min | ASTM D-1238 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------------|------------|----------------|------------|
| Hardness, Rockwell R | 100 | 100 | ASTM D-785 |
| Tensile Strength, Yield | 32.8 MPa | 4750 psi | ASTM D-638 |
| Elongation at Yield | 10 % | 10 % | ASTM D-638 |
| Flexural Modulus, 1% Secant | 1272 MPa | 184500 psi | ASTM D-790 |
| Izod Impact, Notched | 0.270 J/cm | 0.506 ft-lb/in | ASTM D-785 |

| Descriptive Properties | Value | Comments |
|------------------------|---------------|---------------------------------|
| Process | Extrusion | |
| Region | Europe/Turkey | Bamberger Polymers Distribution |
| | International | Bamberger Polymers Distribution |
| | Mexico | Bamberger Polymers Distribution |
| | US & Canada | Bamberger Polymers Distribution |

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