

Unipetrol PP MONSTEN® EH 001 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Applications include extrusions and tapes. LTHA stabilized. Homopolymer. Information provided by Unipetrol RPA

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unipetrol-PP-MONSTEN-EH-001-Polypropylene-Homopolymer.php

| Physical Properties | Metric | English | Comments |
|---------------------|---|---|----------|
| Melt Flow | 0.50 g/10 min @Load 2.16 kg, Temperature 230 °C | 0.50 g/10 min @Load 4.76 lb, Temperature 446 °F | ISO 1133 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|--|--|----------|
| Tensile Strength, Yield | 36.0 MPa | 5220 psi | ISO 527 |
| Elongation at Break | 100 % | 100 % | ISO 527 |
| Flexural Modulus | 1.80 GPa | 261 ksi | ISO 178 |
| Charpy Impact, Notched | 1.20 J/cm ² @Temperature 23.0 °C | 5.71 ft-lb/in ² @Temperature 73.4 °F | ISO 179 |

| Thermal Properties | Metric | English | Comments |
|-----------------------|--------|---------|----------|
| Vicat Softening Point | 158 °C | 316 °F | ISO 306 |

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