

Reliance Industries METABOLIX PHO

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

Material Notes:

Information provided by Reliance Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Reliance-Industries-METABOLIX-PHO.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|---------------------------|----------|
| Density | 1.02 g/cc | 0.0368 lb/in ³ | |
| Molecular Weight | 130 g/mol | 130 g/mol | |
| Crystallinity | 25 % | 25 % | |

| Mechanical Properties | Metric | English | Comments |
|----------------------------|-------------|----------|----------|
| Tensile Strength, Ultimate | 9.00 MPa | 1310 psi | |
| Elongation at Break | 380 % | 380 % | |
| Modulus of Elasticity | 0.00800 GPa | 1.16 ksi | |

| Thermal Properties | Metric | English | Comments |
|---------------------------|----------|----------|----------|
| Melting Point | 61.0 °C | 142 °F | |
| Glass Transition Temp, Tg | -35.0 °C | -31.0 °F | |

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