

Radici Radilene® R 70 IF 0 4058 A High Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE

Material Notes:

Shore hardness: 61 D (3s) Processable, recyclable, no charge and completely non-toxic Application examples: coating of corrugated and non-corrugated pipe (conduit, plumbing pipe, steel pipe coating and waste pipe) Information provided by Radici group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Radici-Radilene-R-70-IF-0-4058-A-High-Density-Polyethylene.php

| Physical Properties | Metric | English | Comments |
|---------------------|------------|------------|----------|
| Specific Gravity | 0.960 g/cc | 0.960 g/cc | |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|----------------|---------------------|----------|
| Hardness, Shore D | 61 | 61 | |
| | @Time 3.00 sec | @Time 0.000833 hour | |
| Tensile Strength at Break | 40.0 MPa | 5800 psi | |
| Tensile Strength, Yield | 20.0 MPa | 2900 psi | |
| Elongation at Break | >= 50 % | >= 50 % | Nominal |

| Thermal Properties | Metric | English | Comments |
|--------------------|--------|---------|----------|
| Melting Point | 132 °C | 270 °F | |

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