

## Lucobit Lucofin® 1411 Polyolefin TPO Granules, White

Category : Polymer , Thermoplastic , Polyolefin

**Material Notes:**

Lucofin is a colored, highly stabilized, bitumen-free TPO raw material based on polyolefins. Lucofin products display excellent tear resistance, flexibility, and weathering resistance. Lucofin exhibits good toughness, superior biaxial stretchability, and flexibility even at low temperatures. It is insensitive to stress cracking and notch effects. Special stabilization provides good resistance to heat ageing and UV radiation. Lucofin is thus to a large extent resistant to weathering and ageing. Applications:
 

- Roofing and swimming pool membranes
- Construction profiles and water stops
- Injection molded parts in the building sector

 Information provided by Lucobit AG

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lucobit-Lucofin-1411-Polyolefin-TPO-Granules-White.php](http://www.lookpolymers.com/polymer_Lucobit-Lucofin-1411-Polyolefin-TPO-Granules-White.php)

| Physical Properties | Metric   | English  | Comments |
|---------------------|--|--|----------|
| Density             | 0.990 g/cc   | 0.0358 lb/in <sup>3</sup>                            | ISO 1183 |
| Melt Flow           | 8.0 g/10 min<br>@Load 2.16 kg,<br>Temperature 190 °C | 8.0 g/10 min<br>@Load 4.76 lb,<br>Temperature 374 °F | ISO 1133 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|--------|---------|----------|
| Hardness, Shore A     | 85     | 85      | ISO 868  |

| Thermal Properties               | Metric      | English     | Comments                                |
|----------------------------------|-------------|-------------|---|
| Minimum Service Temperature, Air | <= -45.0 °C | <= -49.0 °F | Low Temperature Flexural Test; EN 495-5 |

| Processing Properties  | Metric         | English       | Comments  |
|------------------------|----------------|---------------|-----------|
| Processing Temperature | 150 - 180 °C   | 302 - 356 °F  | Profiles  |
|                        | 160 - 230 °C   | 320 - 446 °F  | Membranes |
|                        | 160 - 240 °C   | 320 - 464 °F  | Coatings  |
| Melt Temperature       | 160 - 220 °C   | 320 - 428 °F  |           |
| Mold Temperature       | 10.0 - 40.0 °C | 50.0 - 104 °F |           |

## Contact Songhan Plastic Technology Co.,Ltd.

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