



ELM[®] rPP-1

Recycled Polypropylene Compound

APPLICATIONS

Extrusion, injection molding

| Physical Properties | Typical Value | Method |
|-------------------------------------|-------------------------------|------------|
| Density (23°C) | 0.90 - 0.92 g/cm ³ | ISO 1183 |
| Melt Flow Index (230°C/2.16 kg) | 0.5 - 1.5 g/10 min | ISO 1133 |
| Moisture Absorption (23°C, 50% Rh) | 0.01 - 0.03 % | ISO 62 |
| Ash Content | ≤ 3 % | ISO 3451 |
| Color | Gray, Green | |
| Mechanical Properties | | |
| Tensile Stress at Yield (50 mm/min) | ≥ 23 MPa | ISO 527 |
| Elongation at Yield (50 mm/min) | ≥ 10 % | ISO 527 |
| Flexural Modulus (1% secant) | ≥ 700 MPa | ISO 527 |
| Notched Izod Impact Strength (23°C) | ≥ 56 kJ/m ² | ISO 180/1A |
| Hardness (Shore-D) | 45 – 50 | ISO 868 |

STORAGE

This product should be stored in a dry area with an ambient temperature below 50°C. It should be kept away from sunlight and heat. Inappropriate storage conditions can lead to deterioration in physical properties. It is advised to process pellets within 12 months after delivery.

PACKAGING

The product is packed in 1200 kg Big Bags.

NOTES

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests. Please contact for product samples.