



ELM[®] rPP-5

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)	4.0 - 7.0 g/10 min	ISO 1133
Moisture Absorption (23°C, 50% Rh)	0.01 - 0.03 %	ISO 62
Ash Content	≤ 5 %	ISO 3451
Color	Black	
*Colors Upon Request (Gray, Brown, Blue, Green)		
Mechanical Properties		
Tensile Stress at Yield (50 mm/min)	≥ 29 MPa	ISO 527
Elongation at Yield (50 mm/min)	≥ 25 %	ISO 527
Flexural Modulus (1% secant)	≥ 1200 MPa	ISO 527
Notched Izod Impact Strength (23°C)	≥ 6 kJ/m ²	ISO 180/1A
Hardness (Shore-D)	68 – 70	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.