



M E S C O D Y

# ELM<sup>®</sup> rPP-20

Recycled Polypropylene Compound

## APPLICATIONS

Injection molding

Physical Properties	Typical Value	Method
Density (23°C)	0.90 - 0.92 g/cm <sup>3</sup>	ISO 1183
Melt Flow Index (230°C/2.16 kg)	20.0 - 25.0 g/10 min	ISO 1133
Moisture Absorption (23°C, 50% Rh)	0.01 - 0.03 %	ISO 62
Ash Content	≤ 3	ISO 3451
Color	White	
Mechanical Properties		
Tensile Stress at Yield (50 mm/min)	≥ 20 MPa	ISO 527
Elongation at Yield (50 mm/min)	≥ 19 %	ISO 527
Flexural Modulus (1% secant)	≥ 1000 MPa	ISO 527
Notched Izod Impact Strength (23°C)	≥ 8 kJ/m <sup>2</sup>	ISO 180/1A
Hardness (Shore-D)	58 - 64	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.