

THERPOL AB

THERPOL AB has been developed to improve impact resistance, flexibility and rubber grip to Polypropylene, Polystyrene, Polyethylene, ABS and PET.

Therpol AB has a unique technology by using the bio-raw material Natural Rubber as the plastic modifier for injection and extrusion process.

We recommend the usage of 5% - 20% of **Therpol AB** to promote rubber properties into the plastic goods.

Main characteristics

- ✓ Granulated Rubber Compound
- ✓ Increase in Impact Resistance
- ✓ High Elongation
- ✓ High Rebound
- ✓ Injection Temperature Reduction
- ✓ Excellent Rubber Texture to Plastic
- ✓ 100% Recyclable

Recommended applications

- ✓ Trays, Pallets, Chairs and Tables Manufacturing
- ✓ Pipes and Connections
- ✓ Boxes for Fish, Fruits and Beverages
- ✓ Floor Plates
- ✓ Properties Improvement for Recycled PP, PE, PS, PET and ABS
- ✓ General Plastic Products

Physical Properties

Physical	Nominal	Method
Density	0,950 +/-0,05 g/cm ³	ASTM D792
Mooney Viscosity (ML 1+4 a 120°C)	10,0 +/- 5 MU	ASTM D1646
Mechanical	Nominal	Method
Tensile Strength	5,12 MPa	ASTM D412
Elongation	800%	ASTM D412
Hardness	Nominal	Method
Shore A	70pts	ASTM D2240
Color		
Beige Clear		

Packaging

15 Kg bags

Shelf Life

24 Months

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