

THERPOL OG70

THERPOL OG70 is a worldwide innovation, it is a thermoplastic rubber with excellent fluidity properties, proportioning a significant improvement in flexibility and impact resistance to Polypropylene, Polyethylene, Polystyrene and ABS. As a rubber, it also adds significant impact resistance to plastic compounds when mixed with **THERPOL OG70** for low temperature applications.

Polypropylene and Polyethylene compounds were obtained with excellent flexibility and rebound even in very high hardness using **THERPOL OG70** as additive.

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	1,000+/-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	4MPa	ASTM D412
Elongation	600%	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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