



THERPOL SL 70

Therpol SL 70 is a worldwide innovation, it is a thermoplastic rubber to be injected in conventional plastic injection machines, with excellent fluidity, flexibility and abrasion resistance, its main application is for injected shoe soles replacing vulcanized rubber and TR.

Due to the excellent chemical resistance, **Therpol SL 70** can be applied for solvent and oil resistant shoe soles under room temperature.

Main characteristics

- ✓ Granulated Rubber Compound
- ✓ Abrasion Resistance
- ✓ Flexibility
- ✓ Low Density
- ✓ Chemical Resistance
- ✓ Excellent Rubber Texture
- ✓ Matte Appearance

Recommended application

- ✓ Shoe Soles

Physical Properties

Physical	Nominal	Method
Density	1,050 +/- 0,05 g/cm ³	ASTM D792
Mooney Viscosity (ML 1+4 a 120°C)	20,0 +/- 5 MU	ASTM D1646
Mechanical	Nominal	Method
Tensile Strength	5,97 MPa	ASTM D412
Elongation	725%	ASTM D412
Abrasion Resistance	150mm ³	DIN 53516
Hardness	Nominal	Method
Shore A	75 pts	ASTM D2240
Thermal	Nominal	Method
Low Temperature Resistance	-40°C	Proquitech

Packing

15 Kg bags

Shelf Life

12 Months

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