

LARIPUR® LPR 5520

Thermoplastic Polyurethane Elastomer (Polyester)

COIM S.p.A.

Message:

LARIPUR® LPR 5520 is a thermoplastic polyurethane elastomer (polyester)(TPU-polyester) material. This product is available in North America, Latin America or Europe. The processing method is injection molding.

LARIPUR®The main features of LPR 5520 are:

Good tear strength

Good toughness

good weather resistance

chemical resistance

Wear-resistant

General Information			
Features	Good tear strength Good wear resistance Good chemical resistance Good weather resistance Good toughness		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	57		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	180	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
50% strain	15.2	MPa	ASTM D412
100% strain	17.5	MPa	ASTM D412
300% strain	38.0	MPa	ASTM D412
Tensile Strength (Break)	63.2	MPa	ASTM D412
Tensile Elongation (Break)	450	%	ASTM D412
Tear Strength	160	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	126	°C	ASTM D1525
Additional Information			

Abrasion loss, DIN 53516: 40 mm³Tosion Test, ASTM D 1043, 20° C: 46 MPaTosion Test, ASTM D 1043, -20° C: 354 MPa

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Recommended distributors for this material

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