

# LARIPUR® LPR 5260

Thermoplastic Polyurethane Elastomer (Polyether)

COIM S.p.A.

## Message:

LARIPUR® LPR 5260 is a thermoplastic polyurethane elastomer (polyether)(TPU-polyether) material. This product is available in North America, Latin America or Europe. The processing method is extrusion or injection molding.

LARIPUR® The main features of LPR 5260 are:

Good flexibility

good weather resistance

chemical resistance

Wear-resistant

LARIPUR® Typical application areas of LPR 5260 are: water pipes/pipes/drinking water

General Information	
UL YellowCard	E306299-100907155
Features	Flexibility at low temperatures
	Good wear resistance
	Good chemical resistance
	Good weather resistance
Agency Ratings	NSF 61
Forms	Particle
Processing Method	Extrusion
	Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	96.0	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
50% strain	10.6	MPa	ASTM D412
100% strain	13.0	MPa	ASTM D412
300% strain	29.2	MPa	ASTM D412
Tensile Strength (Break)	56.1	MPa	ASTM D412
Tensile Elongation (Break)	490	%	ASTM D412
Tear Strength	127	kN/m	ASTM D624
Compression Set			ASTM D395
23°C, 70 hr	27	%	ASTM D395
70°C, 22 hr	50	%	ASTM D395

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	120	°C	ASTM D1525
Additional Information			

Abrasion loss, DIN 53516: 35 mm<sup>3</sup>Tosion Test, ASTM D 1043, 20° C: 22 MPaTosion Test, ASTM D 1043, -20° C: 113 MPa

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#### Recommended distributors for this material

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