

# LARIPUR® LPR 9060

Thermoplastic Polyurethane Elastomer (Polyester)

COIM S.p.A.

## Message:

LARIPUR® LPR 9060 is a thermoplastic polyurethane elastomer (polyester)(TPU-polyester) 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 9060 are:

flame retardant/rated flame

Good flexibility

good weather resistance

chemical resistance

Wear-resistant

LARIPUR® Typical application areas of LPR 9060 are: water pipes/pipes/drinking water

General Information			
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	1.12	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	86		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
50% strain	4.80	MPa	ASTM D412
100% strain	6.50	MPa	ASTM D412
300% strain	12.8	MPa	ASTM D412
Tensile Strength (Break)	46.1	MPa	ASTM D412
Tensile Elongation (Break)	610	%	ASTM D412
Tear Strength	86.0	kN/m	ASTM D624
Compression Set			ASTM D395
23°C, 70 hr	25	%	ASTM D395
70°C, 22 hr	45	%	ASTM D395
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	80.0	°C	ASTM D1525
Flammability	Nominal Value		Test Method

Flame Rating	V-2	UL 94
Additional Information		

Abrasion loss, DIN 53516: 35 mm<sup>3</sup>

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#### Recommended distributors for this material

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