

# LARIPUR® LPR 6560

Thermoplastic Polyurethane Elastomer (Polyether)

COIM S.p.A.

Message:

LARIPUR® LPR 6560 is a thermoplastic polyurethane elastomer (polyether)(TPU-polyether) material. This product is available in North America, Latin America or Europe. The processing method is injection molding.

LARIPUR®The main features of LPR 6560 are:

Good flexibility  
good weather resistance  
chemical resistance  
Wear-resistant

LARIPUR®Typical application areas of LPR 6560 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	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	400	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
50% strain	22.2	MPa	ASTM D412
100% strain	26.3	MPa	ASTM D412
300% strain	50.5	MPa	ASTM D412
Tensile Strength (Break)	67.4	MPa	ASTM D412
Tensile Elongation (Break)	340	%	ASTM D412
Tear Strength	175	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	138	°C	ASTM D1525
Additional Information			

Abrasion loss, DIN 53516: 35 mm³Tosion Test, ASTM D 1043, 20° C: 87 MPaTosion Test, ASTM D 1043, -20° C: 330 MPaImpact Test, ASTM D 256, -20° C: 8.1 KJ/m²

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Recommended distributors for this material

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