

# LARIPUR® LPR 2102-85AE

Thermoplastic Polyurethane Elastomer (Polycaprolactone)

COIM S.p.A.

Message:

LARIPUR® LPR 2102-85AE is a Thermoplastic Polyurethane Elastomer (Polycaprolactone) (TPU-Capro) material. It is available in Europe, Latin America, or North America for extrusion or injection molding.

Important attributes of LARIPUR® LPR 2102-85AE are:

- Good Toughness
- Chemical Resistant
- Good Tear Strength
- Good Weather Resistance
- Wear Resistant

General Information			
Features	Good Abrasion Resistance		
	Good Chemical Resistance		
	Good Tear Strength		
	Good Toughness		
	Good Weather Resistance		
	Low Temperature Toughness		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	84		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
50% Strain	4.30	MPa	
100% Strain	6.20	MPa	
300% Strain	17.5	MPa	
Tensile Strength (Break)	65.0	MPa	ASTM D412
Tensile Elongation (Break)	510	%	ASTM D412
Tear Strength	12.6	kN/m	ASTM D624
Compression Set			ASTM D395
23°C, 70 hr	17	%	
70°C, 22 hr	36	%	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	89.0	°C	ASTM D1525

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Recommended distributors for this material

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