

# Lionpol LC-60165

Thermoplastic Elastomer

Lion Polymers Incorporated

## Message:

Lionpol LC-60165 is a Thermoplastic Elastomer (TPE) product. It is available in North America.

General Information			
Features	Low Compression Set		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.32	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.3 to 1.4	%	
Across Flow	1.4 to 1.5	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	65		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	1.60	MPa	ASTM D412
Tensile Strength (Break)	11.0	MPa	ASTM D412
Tensile Elongation (Break)	870	%	ASTM D412
Compression Set			ASTM D395
70°C, 22 hr	28	%	
100°C, 22 hr	36	%	
120°C, 22 hr	59	%	
Injection	Nominal Value	Unit	
Rear Temperature	182 to 193	°C	
Front Temperature	199 to 210	°C	
Nozzle Temperature	216 to 221	°C	
Mold Temperature	37.8 to 60.0	°C	
Back Pressure	0.552 to 1.03	MPa	

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## Recommended distributors for this material

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