

Lionpol LC-60061

Thermoplastic Elastomer
Lion Polymers Incorporated

Message:
Lionpol LC-60061 is a thermoplastic elastomer (TPE) product. It is available in North America.

General Information			
Features	Low compressive deformability		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.12	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.3 - 1.4	%	ASTM D955
Transverse flow	1.4 - 1.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	61		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	1.50	MPa	ASTM D412
Tensile Strength (Break)	13.1	MPa	ASTM D412
Tensile Elongation (Break)	780	%	ASTM D412
Compression Set			ASTM D395
70°C, 22 hr	28	%	ASTM D395
100°C, 22 hr	38	%	ASTM D395
Additional Information			
Permanent Set: 8%			
Injection	Nominal Value	Unit	
Rear Temperature	182 - 193	°C	
Front Temperature	199 - 210	°C	
Nozzle Temperature	216 - 221	°C	
Mold Temperature	37.8 - 60.0	°C	
Back Pressure	0.552 - 1.03	MPa	

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