

Lionpol TE-70120

Thermoplastic Elastomer
Lion Polymers Incorporated

Message:

Lionpol TE-70120 is a Thermoplastic Elastomer (TPE) product. It can be processed by extrusion and is available in North America.

General Information			
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.3	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.8 to 2.0	%	
Across Flow	1.8 to 2.0	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	20		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	0.372	MPa	ASTM D412
Tensile Strength (Break)	6.40	MPa	ASTM D412
Tensile Elongation (Break)	1100	%	ASTM D412
Compression Set	30	%	ASTM D395
Injection	Nominal Value	Unit	
Rear Temperature	163 to 174	°C	
Front Temperature	174 to 185	°C	
Nozzle Temperature	185 to 196	°C	
Mold Temperature	10.0 to 32.2	°C	
Back Pressure	0.172 to 0.517	MPa	

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