

Lionpol HC-204552

Thermoplastic Elastomer
Lion Polymers Incorporated

Message:

Lionpol HC-204552 is a Thermoplastic Elastomer (TPE) product. It is available in North America. Primary characteristic: clarity.

General Information			
Features	High Clarity		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	48	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.4 to 1.5	%	
Across Flow	1.4 to 1.5	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	52		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	1.18	MPa	ASTM D412
Tensile Strength (Break)	22.5	MPa	ASTM D412
Tensile Elongation (Break)	810	%	ASTM D412
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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