

# Lionpol HF-204416

Thermoplastic Elastomer  
Lion Polymers Incorporated

Message:

Lionpol HF-204416 is a thermoplastic elastomer (TPE) product. It is available in North America. The main characteristics are: high liquidity.

General Information			
Features	High liquidity		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	44	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	2.1 - 3.5	%	ASTM D955
Transverse flow	2.1 - 3.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	16		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	0.276	MPa	ASTM D412
Tensile Strength (Break)	3.63	MPa	ASTM D412
Tensile Elongation (Break)	1100	%	ASTM D412
Additional Information			
Permanent Set: 19%			
Injection	Nominal Value	Unit	
Rear Temperature	141 - 179	°C	
Front Temperature	163 - 202	°C	
Nozzle Temperature	163 - 202	°C	
Mold Temperature	21.1 - 32.2	°C	
Back Pressure	0.345 - 1.03	MPa	

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