

Lionpol IM-17010

Thermoplastic Elastomer
Lion Polymers Incorporated

Message:

Lionpol IM-17010 is a Thermoplastic Elastomer (TPE) product. It can be processed by injection molding and is available in North America.

General Information			
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	2.1 to 3.5	%	
Across Flow	2.1 to 3.0	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	10		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	0.200	MPa	ASTM D412
Tensile Strength (Break)	4.30	MPa	ASTM D412
Tensile Elongation (Break)	1300	%	ASTM D412
Compression Set	30	%	ASTM D395
Injection	Nominal Value	Unit	
Rear Temperature	141 to 179	°C	
Front Temperature	163 to 202	°C	
Nozzle Temperature	163 to 202	°C	
Mold Temperature	21.1 to 32.2	°C	
Back Pressure	0.345 to 1.03	MPa	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT