

Multiuse Leostomer® LJ-3170N

Thermoplastic Polyurethane Elastomer

Riken Technos Corp.

Message:

Multiuse Leostomer®LJ-3170N is a thermoplastic polyurethane elastomer product. It can be processed by injection molding and is available in North America or Asia Pacific.

Features include:
environmental protection/green
good weather resistance

General Information			
Features	Recyclable materials		
	Good weather resistance		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.938	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.4	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	70		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	2.40	MPa	ISO 37
Tensile Stress (Yield)	13.8	MPa	ISO 37
Tensile Elongation (Break)	920	%	ISO 37
Tear Strength	45	kN/m	ISO 34-1
Compression Set			ISO 815
--	53	%	ISO 815
70°C, 22 hr	46	%	ISO 815
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (50°C, 24 hr, in IRM 902 oil)	-13	%	ISO 1817
Change in Tensile Strain at Break (50°C, 24 hr, in IRM 902 oil)	11	%	ISO 1817
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-60.0	°C	ISO 974
Additional Information			
The values listed above are tested in accordance with JIS K test methods.Injection speedFast0Rebound Resilience: 38%Die Temperature: 20 to 40°CInjection Pressure: LowMaintained Pressure: LowBack Pressure: Low			
Injection	Nominal Value	Unit	
Rear Temperature	180	°C	
Middle Temperature	190	°C	

Front Temperature	200	°C
Nozzle Temperature	200	°C
Processing (Melt) Temp	180 - 220	°C
Injection Rate	Fast	

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

