

NaturePlast NP EL 007

Thermoplastic Elastomer

NaturePlast

Message:

Bioelastomers commercialized by Natureplast are elastomers that can be 100% biodegradable and compostable in agreement with standards in use (EN 13432) and are partially biobased.

Those bioelastomers can be processed mainly on injection molding standard equipments, and are meant for applications needing flexibility and good mechanical properties.

Markets: thermoplastic elastomers...

Properties

High flexibility.

Good mechanical properties.

Biodegradable et biobased (30%)

General Information			
Features	Biodegradable		
	Compostable		
	Good Flexibility		
	Renewable Resource Content		
Agency Ratings	EN 13432		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore A	> 60		
Shore D	< 40		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strain (Break)	410 to 780	%	ISO 527-2
Abrasion Loss	37.0 to 250	mm³	ISO 4649
Biobased Content	30	%	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527
100% Strain	2.00 to 8.00	MPa	
300% Strain	5.00 to 8.00	MPa	
Tear Strength	22 to 110	kN/m	ISO 34-1

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

