

V-TEM 200

Thermoplastic Elastomer

S&E; Polymer Solutions, Inc.

Message:

S&E Polymer Solutions (SEPS) offers a range of ultrasoft TPEs in its VTEM product line for applications in the industrial, electronics, medical, and consumer markets. The durometers of these materials are among the softest of all TPEs and exhibit exceptional tear strength, elongation, and compression set. If your design requires alternatives to our standard VTEM line we will custom engineer a TPE to meet your specific performance requirements. SEPS designers have over 60 years of engineering and materials science experience to ensure that our VTEM TPEs or custom formulations will provide the greatest value for your specific applications.

WHAT ARE V-TEMS

Plasticized polymers with a range of durometers and toughness to meet various material requirements.

MATERIAL CHARACTERISTICS OF V-TEMS

Viscous, high elongation, thermoplastic, non-toxic, cushioning, lubricating.

MODIFICATIONS AND ADDITIVES

Specific oils for exudation, fragrances, over-the-counter (OTC) additives, triglyceride based formulations.

General Information			
Additive	Plasticizer		
Features	High Elongation		
	Lubricated		
	Non-Toxic		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore OO)	40		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Ultimate)	0.643	MPa	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	0.0372	MPa	
300% Strain	0.0786	MPa	
Tensile Strength (Break)	0.625	MPa	ASTM D412
Tensile Elongation (Break)	1800	%	ASTM D412
Compression Set	< 1.0	%	ASTM D395
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -45.6	°C	ASTM D746

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

