

Softflex® 6001

Thermoplastic Vulcanizate

Network Polymers, Inc.

Message:

A soft, black, thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. This material combines good physical properties and chemical resistance for you in a wide range of applications. This grade can be processed on conventional thermoplastics equipment for injection molding, extrusion or blow molding.

General Information	
Features	Good Chemical Resistance Soft
Uses	Overmolding
Appearance	Black
Processing Method	Blow Molding Extrusion Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.908	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow : 3.18 mm	1.6 to 1.8	%	
Across Flow : 3.18 mm	1.6 to 1.8	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	60 to 70		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	4.14	MPa	ASTM D412
Tensile Elongation (Break)	600	%	ASTM D412
Compression Set (23°C, 22 hr)	30	%	ASTM D395B

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