

Dryflex® 500000

Styrene Ethylene Butylene Styrene Block Copolymer

ELASTO

Message:

Dryflex 500000: Thermoplastic Elastomer
Material Type: TPS-SEBS
Hardness: 28 Shore 00
Service Temperature Range: -50 -- +50 °C (unstressed material)
Colour: Translucent, but can be available in any colour.
Presentation: Free flowing pellets that can be processed without predrying, when stored under normal conditions.
Weather Resistance: Good
Chemical Resistance: Good (excluding organic solvents, aromatic- and vegetable oils)
Recyclability: 100% recyclable

General Information			
Features	Good Chemical Resistance		
	Good Colorability		
	Good Processability		
	Good Weather Resistance		
	Recyclable Material		
Appearance	Colors Available		
	Translucent		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.880	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore OO)	28		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus			ASTM D638
100% Secant	0.100	MPa	
300% Secant	0.100	MPa	
Tensile Strength	1.00	MPa	ASTM D638
Tensile Elongation (Break)	1000	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	5.00	kN/m	ASTM D624
Thermal	Nominal Value	Unit	
Service Temperature - Unstressed Material	-50 to 50	°C	
Injection	Nominal Value	Unit	
Rear Temperature	150 to 200	°C	
Middle Temperature	150 to 200	°C	

Front Temperature	150 to 200	°C
Mold Temperature	10.0 to 30.0	°C

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

