

# Mediprene® 570362M

Styrene Ethylene Butylene Styrene Block Copolymer  
ELASTO

Message:

Mediprene 570362M: Thermoplastic Elastomer  
Material Type: TPS-SEBS  
Hardness: 36 Shore 00  
Service Temperature Range: -50 -- +70°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  
Special Features: The material is based on medically approved raw materials.

General Information			
Features	Recyclable materials		
	Workability, good		
	Good chemical resistance		
	Good weather resistance		
Uses	Medical/nursing supplies		
Appearance	Translucent		
	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.890	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore OO)	36		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus			ASTM D638
100% secant	0.100	MPa	ASTM D638
300% secant	0.200	MPa	ASTM D638
Tensile Strength	1.00	MPa	ASTM D638
Tensile Elongation (Break)	900	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	3.00	kN/m	ASTM D624
Thermal	Nominal Value	Unit	
Service Temperature	-50 - 70	°C	
Injection	Nominal Value	Unit	
Rear Temperature	150 - 200	°C	

Middle Temperature	150 - 200	°C
Front Temperature	150 - 200	°C
Mold Temperature	10 - 30	°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

