

Elastamax™ XL 0117-5 NATURAL

Styrene Butadiene Block Copolymer

PolyOne Corporation

Message:

Synprene™Thermoplastic elastomer (TPE) polymers are based on styrene block copolymer (SBC) technology and have extremely low hardness values that other elastomers do not have. These materials are ideal for applications requiring flexibility, excellent coloring, processability and durability over a wide range of temperatures.

General Information			
Features	Compliance of Food Exposure		
	General		
Uses	General		
	Consumer goods application field		
Agency Ratings	FDA Food Exposure, Not Rated		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 5 sec)	60		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (300% Strain)	3.52	MPa	ASTM D412A
Tensile Strength ² (Break)	6.41	MPa	ASTM D412A
Tensile Elongation ³ (Break)	550	%	ASTM D412A
Tear Strength ⁴	21.0	kN/m	ASTM D624
Compression Set (70°C, 22 hr)	40	%	ASTM D395B

Additional Information			
配制用于食品接触应用的一种热塑性弹性体化合物.以上列出的物理属性为实验室配制样品,并根据接受试验方法测试获取的典型值.本化合物配方中所用的全部成分均在美国食品及药物管理局《联邦法规法典》第21章“用于包装食品”中列出.该清单涵盖根据应用场合可能适用的许多用途和限制.请联系我们,检查特定产品在特定应用场合的适用性.本说明仅为食品及药物管理局清单关于本产品部分的概述.由用户负责确保此化合物适用于其预期应用.			
NOTE			
1.	510 mm/min		
2.	510 mm/min		
3.	510 mm/min		
4.	C mold, 510mm/min		

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