

EVERLON® TC-55C

Styrene Ethylene Butylene Styrene Block Copolymer

Ever Polymer Co., Ltd.

Message:

High quality of strength and transparent: including crystal-clean grade.

Based on SEBS, which is great at flexibility and elongation rate.

Comply with the FDA standard, great to use on the medical instruments and food instruments.

General Information			
Features	Food Contact Acceptable		
	Good Flexibility		
	Good Strength		
	High Clarity		
Uses	Medical Devices		
	Medical/Healthcare Applications		
	Non-specific Food Applications		
Agency Ratings	FDA Unspecified Rating		
Appearance	Clear/Transparent		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.888	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	55		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	5.88	MPa	ASTM D412
Tensile Elongation (Break)	680	%	ASTM D412
Tear Strength	39.2	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-40.0	°C	ASTM D746

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