

# UNISOFT TPE™ ST-90A-NT-4-01

Styrene Ethylene Butylene Styrene Block Copolymer

UNITED SOFT PLASTICS, Inc.

Message:

TPE Compound based on Styrene-Ethylene/Butylene-Styrene Block Copolymer

General Information			
Features	Bondability		
	Copper Contact Stabilized		
	Good Adhesion		
Uses	Adhesives		
	Automotive Applications		
	Bonding		
	Electrical/Electronic Applications		
	Industrial Applications		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	1.0 to 1.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	90		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	12.9	MPa	ASTM D412
Tensile Elongation (Break)	600	%	ASTM D412
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Rear Temperature	165 to 185	°C	
Front Temperature	185 to 205	°C	
Nozzle Temperature	205 to 225	°C	
Mold Temperature	30.0 to 65.0	°C	
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	170	°C	
Cylinder Zone 3 Temp.	190	°C	

Cylinder Zone 5 Temp.	200	°C
Die Temperature	210	°C

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#### Recommended distributors for this material

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