

# UNISOFT TPE™ ST-87A-NT-3-01

Styrene Ethylene Butylene Styrene Block Copolymer

UNITED SOFT PLASTICS, Inc.

Message:

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

General Information			
Features	Block Copolymer		
	General Purpose		
	Good Adhesion		
Uses	Adhesives		
	Automotive Applications		
	Electrical/Electronic Applications		
	General Purpose		
	Industrial Applications		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	1.0 to 2.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	87		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	11.7	MPa	ASTM D412
Tensile Elongation (Break)	600	%	ASTM D412
Injection	Nominal Value	Unit	
Rear Temperature	168 to 188	°C	
Front Temperature	188 to 207	°C	
Nozzle Temperature	207 to 227	°C	
Mold Temperature	29.4 to 65.6	°C	

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