

# UNISOFT TPE™ ST-59A-BK-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	Bondability		
	Good Adhesion		
	Good Processability		
	Low Viscosity		
Uses	Adhesives		
	Automotive Applications		
	Bonding		
	Electrical/Electronic Applications		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.50 to 2.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	59		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	4.70	MPa	ASTM D412
Tensile Elongation (Break)	700	%	ASTM D412
Injection	Nominal Value	Unit	
Rear Temperature	160 to 180	°C	
Front Temperature	180 to 200	°C	
Nozzle Temperature	200 to 220	°C	
Mold Temperature	30.0 to 65.0	°C	

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