

UNISOFT TPE™ ST-60A-BK-4-02

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
	Good Stability
	Good Weather Resistance
Uses	Adhesives
	Automotive Applications
	General Purpose
	Outdoor Applications
Appearance	Black
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.0 to 2.4	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	60		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	6.38	MPa	ASTM D412
Tensile Elongation (Break)	700	%	ASTM D412
Injection	Nominal Value	Unit	
Rear Temperature	166 to 185	°C	
Front Temperature	185 to 204	°C	
Nozzle Temperature	204 to 218	°C	
Mold Temperature	29.4 to 65.6	°C	

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