UNISOFT ADHESION™ AD-45A-NT-5-01

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 Bondability General Purpose Good Adhesion
Uses	Adhesives Bonding General Purpose
Agency Ratings	FDA Unspecified Rating
Appearance	Natural Color
Forms	Pellets
Processing Method	Extrusion Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm³	ASTM D792
Molding Shrinkage - Flow	1.4 to 3.0	%	ASTM D955
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A)	45		ASTM D2240
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	4.24	MPa	ASTM D412
Tensile Elongation (Break)	740	%	ASTM D412
Tear Strength	12.3	kN/m	ASTM D624
Injection	**Nominal Value**	**Unit**	
Rear Temperature	179 to 193	°C	
Front Temperature	199 to 218	°C	
Nozzle Temperature	224 to 246	°C	
Mold Temperature	29.4 to 65.6	°C	

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