

UNISOFT ADHESION™ AD-55A-NT-1-01

Styrene Ethylene Butylene Styrene Block Copolymer

UNITED SOFT PLASTICS, Inc.

Message:

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

Special bonding grade to PC/ABS, PC/PBT, PC, ABS, PBT, PET and PET-G

Unisoft Adhesion™ AD-55A-NT-1-01 is a general adhesion grade intended for use in injection molding and extrusion processes. All ingredients used for this compound are in compliance with certain FDA regulations.

General Information			
Features	Block Copolymer		
	Adhesiveness		
	Good adhesion		
Uses	Adhesive		
Agency Ratings	FDA not rated		
Appearance	Natural color		
Forms	Particle		
Processing Method	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.0 - 2.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	55		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	3.00	MPa	ASTM D412
Tensile Elongation (Break)	430	%	ASTM D412
Injection	Nominal Value	Unit	
Drying Temperature	65.6	°C	
Drying Time	2.0 - 4.0	hr	
Rear Temperature	199 - 210	°C	
Front Temperature	218 - 229	°C	
Nozzle Temperature	235 - 246	°C	
Mold Temperature	40.6 - 65.6	°C	
Injection instructions			

Temperatures are shown for PET-G adhesion.

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