

UNISOFT ADHESION™ AD-40A-NT-1-05

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 and PET

Unisoft Adhesion™ AD-40A-NT-1-05 is an adhesion grade intended for use in injection molding. Typically this material is used for 2-component overmolding applications, such as handles or sealings.

General Information			
Features	Block Copolymer		
	Adhesiveness		
	Good adhesion		
Uses	Handle		
	overmolding		
	Seals		
	Bonding		
	Adhesive		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.80 - 2.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	40		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	2.07	MPa	ASTM D412
Tensile Elongation (Break)	400	%	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 - 257	°C	
Mold Temperature	40.6 - 65.6	°C	
Injection instructions			

Temperatures are shown for PC/ABS adhesion.

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Recommended distributors for this material

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