

SOLSTICE A-C® PERFORMANCE ADDITIVES FOR HOT MELT PRESSURE SENSITIVE ADHESIVES

A variety of A-C® performance additives are used in hot melt pressure-sensitive adhesives (HMPA) to increase lap shear adhesion, reduce oil migration and improve heat aging resistance.

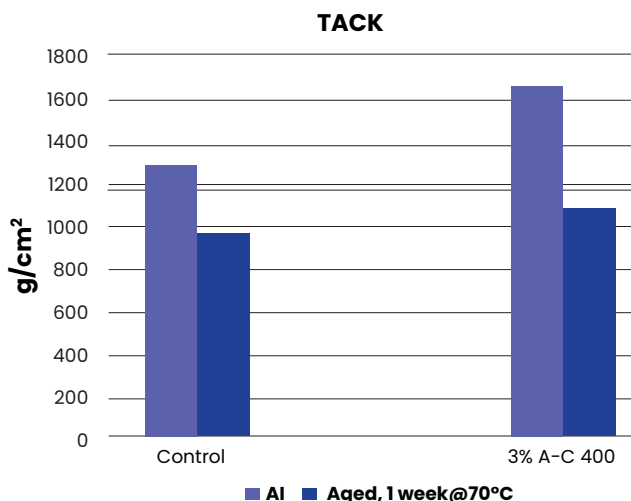


INCREASED LAP SHEAR ADHESION

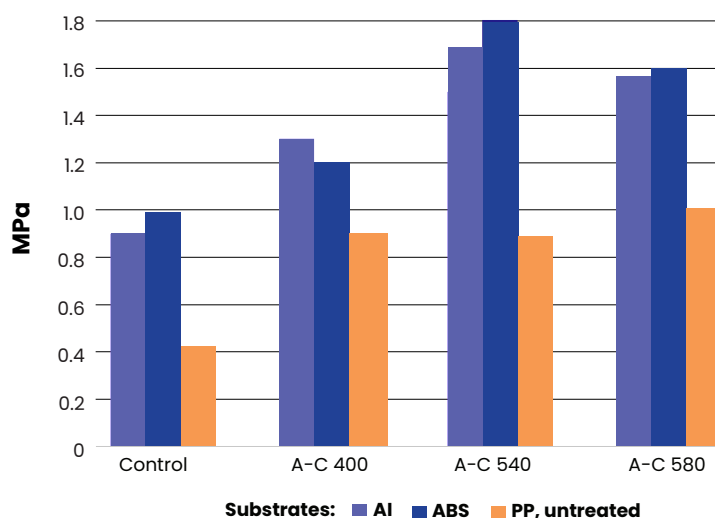
Low-molecular-weight ethylene vinyl acetate and ethylene acrylic acid polyethylene copolymer additives increase lap shear adhesion in styrene-butadiene block copolymer type HMPA.

REDUCED OIL AND PLASTICIZER MIGRATION

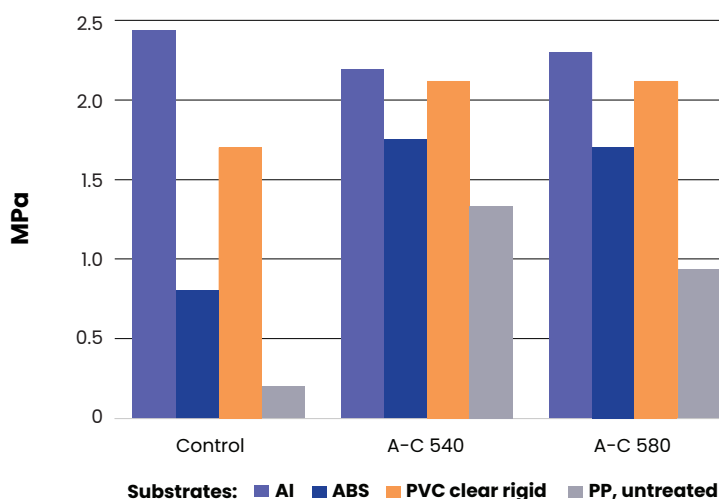
Low-molecular-weight polyethylene additives delay oil migration to the surface of pressure-sensitive adhesives. Adding a small quantity of A-C performance additives enhances oil and plasticizer binding, resulting in lower bleeding and helping to maintain tack and adhesion for a longer period of time.



Lap Shear Adhesion 5% Added to SBS formulations



Lap Shear Adhesion 3.5% Added to SBR formulations



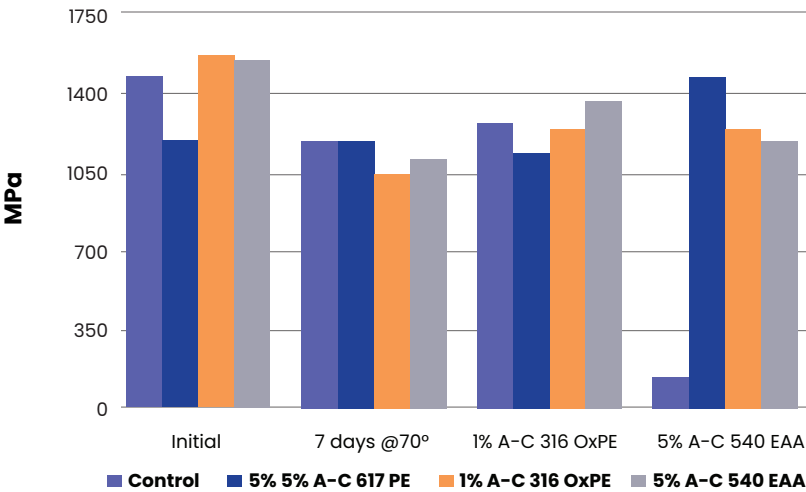
INCREASED HEAT RESISTANCE

Low concentrations of A-C additives improve the heat aging performance of styrene block copolymer hot melt pressuresensitive adhesives.

RECOMMENDED PRODUCTS

The type and quantity of A-C additives to be used in a given formulation. Will differ depending on the actual pressure-sensitive adhesive formulation

180° Peel Adhesion to Plasticized PVC

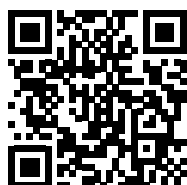


SELECTION OF RECOMMENDED PRODUCTS

PRODUCT	ADDITION LEVEL	BENEFITS
A-C 8, A-C 617, A-C 400	1-2%	REDUCED OIL MIGRATION
A-C 540, A-C 580, A-C 400 PRODUCT NAME 200 SERIES	3-7%	INCREASED PEEL AND SHEAR STRENGTH
A-C 540, A-C 580	3-7%	INCREASED ADHESION TO METAL FOIL AND METALLIZED SURFACES
A-C 1702	4%	INCREASED TACK AT THE EXPENSE OF PEEL STRENGTH FOR REMOVABLE PSAS



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