

A-C® Performance Additives for Inks

A variety of A-C® performance additives are used in ink formulations. These additives are formulated to improve rub resistance and increase blocking resistance, which can streamline manufacturing and reduce costs.



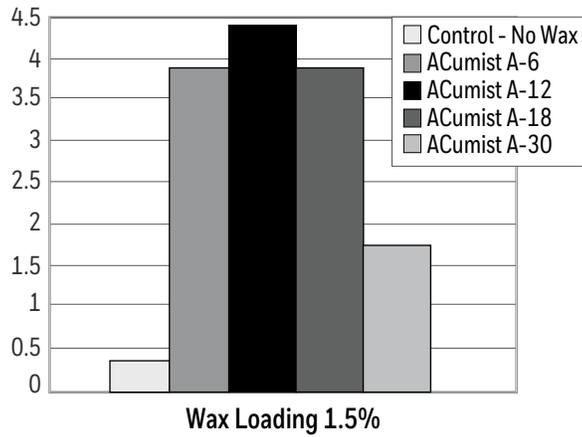
ACumist® Micronized Polyolefin Additives

Application	Recommended ACumist Grades	Benefits
Gravure/Flexo Water-Based Ink	ACumist A-6 ACumist A-12	<ul style="list-style-type: none"> • Rub resistance • Blocking resistance
Gravure/Flexo Solvent-Based Ink	ACumist A-6 ACumist A-12 ACumist B-6 ACumist B-12 ACumist C-5 ACumist D-9	
Lithographic Paste Ink	ACumist A-12	<ul style="list-style-type: none"> • Rub resistance • Blocking resistance • Thin film thickness
Overprint Varnish	30	<ul style="list-style-type: none"> • Rub resistance • Blocking resistance • Thin film thickness • Scratch resistance

A-C® Polyolefin Additives

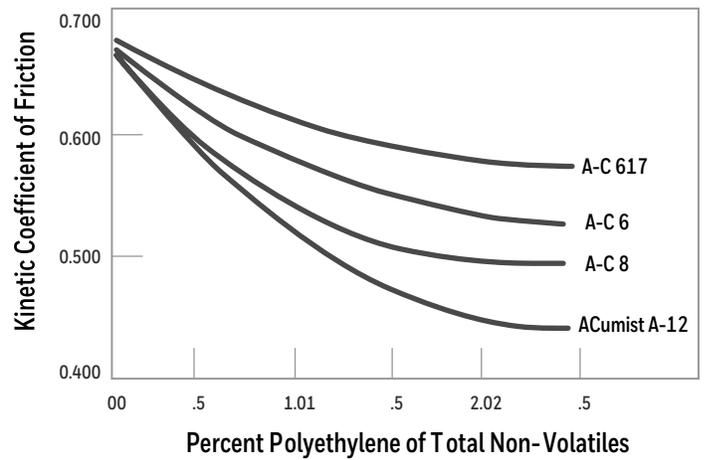
Application	Recommended A-C Grades	Benefits	Incorporation Method
Lithographic Paste Inks	A-C 6 A-C 8 A-C 9	<ul style="list-style-type: none"> • Rub resistance • Blocking resistance 	Compound
	A-C 1702 A-C 617	<ul style="list-style-type: none"> • Flow aid 	Compound
Liquid Solvent-Based Ink (Gravure)	A-C 8A A-C 9A A-C 820 A	<ul style="list-style-type: none"> • Rub resistance • COF reduction • Blocking resistance 	Media milling
Liquid Water-Based Inks and Overprint Varnish	A-C 316 A-C 330 A-C 325 A-C 392	<ul style="list-style-type: none"> • Rub resistance • COF reduction • Blocking resistance 	Emulsions

Micronized Particle Size vs. Rub Resistance in Water-Based Flexographic Inks



Note: 0 indicates significant surface damage,
5 indicates no surface damage

Coefficient of Friction



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