

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.



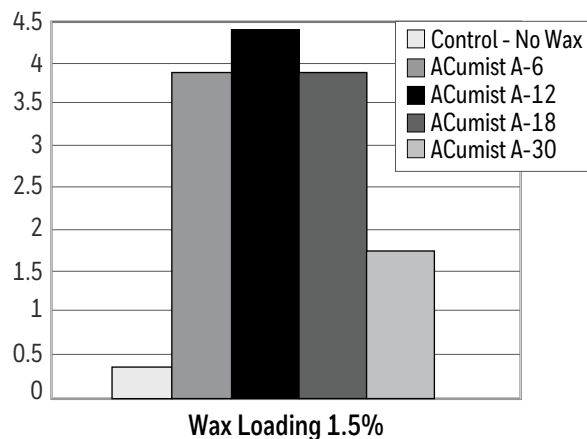
ACumist® Micronized Polyolefin Additives

Application	Recommended ACumist Grades	Benefits	
Gravure/Flexo Water-Based Ink	ACumist A-6 ACumist A-12	• 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	• Rub resistance • Blocking resistance • Thin film thickness	
Overprint Varnish	30	• Rub resistance • Blocking resistance	• Thin film thickness • Scratch resistance

A-C® Polyolefin Additives

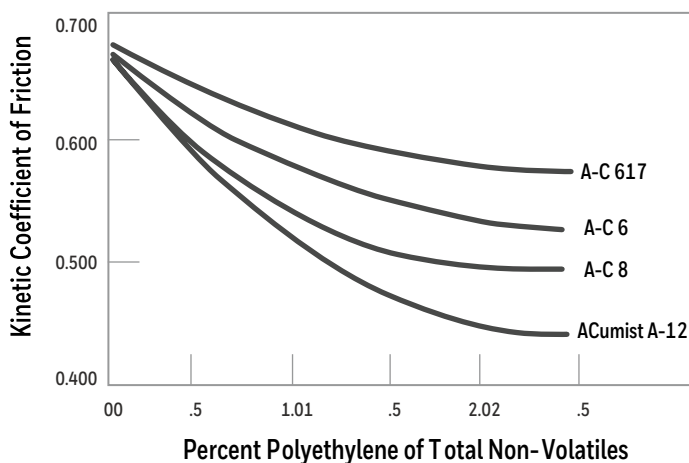
Application	Recommended A-C Grades		Benefits	Incorporation Method
Lithographic Paste Inks	A-C 6 A-C 8 A-C 9		• Rub resistance • Blocking resistance	Compound
	A-C 1702 A-C 617		• Flow aid	Compound
Liquid Solvent-Based Ink (Gravure)	A-C 8A A-C 9A A-C 820 A		• Rub resistance • COF reduction • Blocking resistance	Media milling
Liquid Water-Based Inks and Overprint Varnish	A-C 316 A-C 325	A-C 330 A-C 392	• 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



For additional information or
to contact us, please visit:
honeywell-additives.com

All statements and information provided herein are believed to be accurate and reliable, but are presented without guarantee, warranty or responsibility of any kind, express or implied. Statements or suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement, and are not recommendations to infringe any patent. The user should not assume that all safety measures are indicated herein, or that other measures may not be required. User assumes all liability for use of the information and results obtained.



A-C is a registered trademark of Honeywell International Inc.

1776 PA | November 2017
©2017 Honeywell International Inc. All rights reserved

Honeywell