

A-C® ADDITIVES FOR MASTERBATCHES

Polyethylene Waxes provide an improved dispersion of organic and inorganic colorants, enhanced colorant strength and higher pigment loading. They also enhance compatibility with polyolefins and conventional and engineering thermoplastics.

PRODUCT	POLYMER / PIGMENT TYPE	KEY BENEFITS
Polyethylene Homopolymers: A-C 617A, 6A, 16A	Polyolefins mainly	Generally used for injection molding, extrusion, fiber, films
Oxidized Homopolymers: A-C 629A	Polar pigments	Excellent dispersion, wetting of polar pigments
Oxidized HD Homopolymers: A-C 316A	Acetals	Better pigment dispersion and wider compatibility
Ethylene Vinyl-Acetate Copolymers: A-C 400A	Polyolefins, Styrenics, PVC Carbon black	Better pigment dispersion and wider compatibility
Ethylene Acrylic Copolymers: A-C 540A	Acrylics, Nylon, ABS, PC	Better pigment dispersion and wider compatibility
Maleic Anhydride Grafted Copolymers: A-C 573A	Polyolefins, Nylons, Fluorescent MB	Excellent compatibilization, affinity to rutile TiO2
Ionomers: AClyn 295A, 201A	Universal MB, Engineering Plastics (PET, PBT, Acrylics, PC, Nylon, Acetals)	Color Enhancer, Compatibilization



COLOR STRENGTH WITH ACLYN® FOR PHTHALOCYANINEBLUE IN LDPE MASTERBATCH

FORMULATION	AI	BI	CI	AII	BII	CII
Pigment	30	30	30	40	40	40
LDPE	70	60	60	60	50	50
AClyn 295A	-	-	2	-	-	4
Color strength	75	105	120	65	100	120



PE
Homopolymer
+ PE Polar



PE
Homopolymer



No Wax



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For more information:

to contact us, please visit:

<https://industrial.honeywell.com/us/en/applications/specialty-additives>

Honeywell Additives

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