

PRODUCT INFORMATION DATA SHEET

LIBAID - 47

Libaid - 47 is a unique Dispersing Aid for production of Colour master batches.

SPECIFICATIONS	:	Appearance	:	White Powder
		Acid Value	:	3.0 Max.
		Iodine Value	:	3.0 Max.
		Melting Point	:	54 - 58°C

PROPERTIES	:	<ul style="list-style-type: none">• Libaid - 47 is compatible with all olefinic thermoplastics.• Thermally stable for high temperature processing.• Improves dispersion properties of hard to disperse organic and inorganic pigments.• Libaid - 47 allows high pigment loading with improved dispersion properties.
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APPLICATIONS	:	PE or PP pigment master batches to achieve optimum pigment dispersion in final product.
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Suggested guideline formulations for master batches :

Batch kneaders	Twin screw extruder	Planetary mixers
60% LDPE/ LLDPE 30% Phthalocyanine Blue 10% Libaid - 47	58% LDPE/ LLDPE 40% Ironoxide pigment 2% Libaid - 47	58% LDPE / LLDPE 30% Carbon black 12% Libaid - 47

Libaid - 47 is a very effective dispersing agent for Phthalocyanine Pigments because of its high wetting power.

NOTE	:	For all above guideline formulations LDPE / LLDPE should be of high MFI type (MFI : 20)
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Pigment preparation (with no polymer)

60%	:	Phthalocyanine Blue
40%	:	Libaid - 47

Libaid - 47 is the most effective product for dispersing Phthalocyanine pigments with or without any other polymer.