



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	:	60°C ± 5°C

- PROPERTIES** :
- ✍ **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.

- APPLICATIONS** :
- ✍ PE or PP pigment master batches to achieve optimum pigment dispersion in final product.

Suggested guideline formulations for master batches :

Batch kneaders

60% LDPE/ LLDPE
30% Phthalocyanine Blue
10% Libaid - 47

Twin screw extruder

58% LDPE/ LLDPE 58%
40% Ironoxide pigment
2% Libaid - 47

Planetary mixers

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)

✍ **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.