

## PRODUCT INFORMATION DATA SHEET

# LIBAID - 47

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

<b>SPECIFICATIONS</b>	:	Appearance	:	White Powder
		Acid Value	:	3 Max.
		Iodine Value	:	3 Max.
		Melting Point	:	54 - 58°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 :

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