



## 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	:	3.0 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 in organic 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.