



COLLOIDS

THE MAKERS OF MASTERBATCH

**STANDARD WHITE
MASTERBATCH**



WHITE MASTERBATCH

Colloids manufacture a comprehensive range of White Masterbatch products that are used extensively throughout the thermoplastics industry. We have a selection of polyethylene and universal based standard whites available from stock. We have a wide range of products available including highly loaded titanium dioxide grades for maximum opacity. All our standard white masterbatches meet international food contact, toy and waste packaging regulations.

We provide white masterbatches based on polymer systems such as ABS, ASA, EVA, PA (Nylon), PBT, PET, PE, PP, PS, SAN and universal carriers.

For customised applications where specific shades of white are required we offer a rapid colour matching service creating masterbatches to meet our customers' needs. These can be engineered to encompass a wide range of properties such as antistatic, UV stability, mould release, antibacterial etc..

Our white masterbatches are used successfully in the following processes:

- **Film and sheet extrusion**
- **Injection/blow moulding**
- **Pipe/profile extrusion**
- **Compounding**





Contents

This document contains information about a selection of the standard Colloids White Masterbatch range which are regarded as the most popular White Masterbatch types.

For more information please contact the Colloids Sales Team on +44 (0) 151 546 9222.

Simply click on the title of the Masterbatch you would like more information on.

White Products 4

PLEASE NOTE: The product information contained within this pdf is based on our general experience and does not constitute a specification. Since many factors affect the use of our products, no warranty is given or implied with respect to this information or patent infringement. We do not accept liability for any loss or damage arising from the use of this information.

All sales are subject to our standard terms and conditions of sale.

White products

Symbol Reference Guide

✓ = Suitable, * = Partial suitability, ✗ = Not suitable

All grades detailed below are suitable for food contact to EU and FDA regulations and also conform to the EU Packaging Regulation (Directive 94/62/EC).

Addition rates are typically: 3-4% for film applications, 1-2% for universal masterbatches, 3% for blow and injection moulding applications

GRADE	POLYMER BASE	POLYMER COMPATIBILITY For other polymers please contact Colloids sales office							PIGMENT LOADING equivalent to TiO ₂ content	INCLUDES ANTIBLOCK?	RECOMMENDED USE					COMMENTS
		PE	PP	PS	ABS	PA	PET	PVC			EXTRUSION FILM	EXTRUSION – PROFILE / SHEET	INJECTION MOULDING	BLOW MOULDING	COMPOUNDING	
PACE® N 54/1/01	PA-6	✗	✗	✗	✗	✓	✗	✗	50%	✗	✗	✓	✓	✗	✓	Polymer specific masterbatch for PA-6 and PA-6,6 applications
PE 48/1/12F	PE	✓	✓	*	✗	*	✓	*	60%	✗	✓	✓	✓	✓	✓	High quality - ideal for thin gauge film
PE 48/1/15F	PE	✓	✓	*	✗	*	✓	*	50%	✓	✓	✓	✓	✓	✓	For medium gauge film with good antiblock properties
PE 48/1/47F	PE	✓	✓	*	✗	*	✓	*	75%	✗	✓	✓	✓	✓	✓	High quality and high pigment concentration
PE 48/1/49F	PE	✓	✓	*	✗	*	✓	*	70%	✗	✓	✓	✓	✓	✓	High quality and high pigment concentration
M PE WHITE 13749	PE	✓	✓	*	✗	*	✓	*	70%	✓	✓	✓	✓	✓	✓	High quality and high pigment concentration including antiblock
PP 50/1/11	PP	✗	✓	✗	✗	✗	*	✗	20%	✗	✗	✓	✓	✗	✓	White masterbatch with blue tint
M PS WHITE 12835	PS	✗	✗	✓	*	✗	✗	✗	50%	✗	✗	✓	✓	✗	✓	High quality white for a variety of applications including EPS
UN 53/1/03	Universal	✓	✓	✓	*	*	✓	*	75%	✗	✓	✓	✓	✓	✓	High strength for diverse applications

For further technical information or samples of any of our products please contact the Colloids sales office.