

# PE 4801

Colour is for informative purpose.  
Masterbatch colour may be different

PE 4801 is a utility **Yellow** masterbatch offering the following excellent performance benefits:

- high level of opacity
- high tinting strength
- excellent gloss levels
- high Lightfastness

PE 4801 is designed to provide good pigmentation in film applications. Typical end products are garbage bags, consumer packaging, builders and agricultural film. This product is also recommended for applications requiring the pigmentation of recycled material.

## Method of Addition

PE 4801 is designed for ease of dilution and homogeneous mixing and is therefore suitable for direct addition using automatic dosing units or by pre - blending .

## Addition Rate

The amount of masterbatch added depends on the performance requirements of the final application. Typical dosage vary from 2% to 5% of m a s t e r b a t c h .

Kompatibilitiy LDPE,HDPE, LLDPE, PP  
ETHILÉNECOPOLIMERS

Properties	Standard method	Unit	Value
Base polymer Density	ISO 1183	g/cm <sup>3</sup>	0,919-0,921
Base polymer MFI (2,16 kg/190 °C)	ISO 1133	g/10 min	18,00-22,00
Bulk Density	-	g/dm <sup>3</sup>	600-900
Light resistance (L)	DIN 53388	-	7
Heat resistance (T)	DIN 53772	°C	230

- MFI measured at 190°C under a load of 2.16 kg with standard nozzle having a diameter of 2.095 mm.

## Packaging

PE 4801 is supplied in regular pellet form packed in 25 kg bags. It should be stored in a dry place .

The information provided in this publication has been compiled to the best of our present knowledge. However, in view of the various applications of polyethylene resins and the equipments used, the processing conditions may differ.

The recommendations and data herein are to be construed as informatory only and do not relieve users from carrying out their own tests and experiments prior to processing in order to check suitability for a specific use. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.

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