



TECHNICAL DATA SHEET

PRODUCT NAME: **YELLOW MASTERBATCH**

PRODUCT CODE: **IM004298001**

General Description

IM004298001 is a yellow PE-based masterbatch containing yellow pigment for use in polyolefin resins. Yellow IM004298001 is designed for ease of dispersion and is therefore suitable for direct addition and mixing with plastic resins in mixer, without the necessity of prior drying. It is designed for use in PE and PP for the production of films, sheets, plates, hollowing, blow molding and direct injection molding in the shaper.

Technical Analysis

No	Items	Method of experiment	Unit	Value
1	Carrier Resin	DSC		PE
2	Pigment Content		% wt	35
4	Density	ASTM D1895	g/cm ³	1.4 ± 0.1
5	MFI (190°C/2.16kg)	ASTM D1238	g/10mins	30-50
6	Moisture Content	ASTM D644	%	< 0.08
7	Melt Temperature	DSC	°C	120-150

Application

- Compatibility : PE, PP
- Processing Technique : Injection Molding, Blowing Film
- Dosage : 1 – 10 %

Storage and packaging

- Keep at dry and cool place
- Packing : 25 kg/PP or PE bag

Technical Department