



TECHNICAL DATA SHEET

PRODUCT NAME: **FILLER MASTERBATCH**

PRODUCT GRADE: **IF197808000**

General Description

IF197808000 is a type of filler masterbatch containing super fine Calcium Carbonate in the basic HDPE. It is able to reduce volume formulation cost of the end-products, however it doesn't affect the quality (color, purity, dispersion and the smooth of product's surface). Moreover, **IF197808000** enhances the impact, surface's hardness, the duration of strength and elongation for products.

Technical Analysis

Physical Property

No	Items	Method of experiment	Value	Unit
1	CaCO ₃ content	ASH TESTER	78± 1	%wt
2	Carrier Resin HDPE and Additive content	ASH TESTER	22 ± 1	%wt
4	Bulk Density	ASTM D792	1.3	g/cm ³
5	MFI (190°C/5kg)	ASTM D1238	5-15	g/10min
6	Partical size of CaCO ₃	Malvern 3000	8	mic
7	Partical size of Filler masterbatch	-	2 – 3	mm
8	Moisture content	IR	<0.08	%

Application

- Compatibility : HDPE
- Processing Temperature :180 - 350°C
- Main Application blowing film and blow molding HDPE
Injection/extrusion molding,
- Filling rate : 10 – 50 %

Storage and packaging

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

Medical Norm



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Attain the Safety Norm for Health and Food stuff issued by Vietnam Directorate for Standards and Quality allow the decision 3339/2001/QD-BYT promulgated by Vietnam Ministry of Health. Safety applies for handling process. No healthy damage infected.

Important note: *The above values are for reference only and should not be used for specification. These values are intended as a general guide and do not represent any warranty or guarantee of particular performance.*

QC Department

