

TECHNICAL DATA SHEET

CMS.50

WHITE MASTERBATCH

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General Description

CMS.50 is a type of white masterbatch containing **50% TiO₂ Rutile powder** blend with CaCO₃ super fine in the basic Polyolefin. It is suitable for blow film, injection/extrusion. It will bring the end-product with high whiteness and high opacity

Technical Analysis

Composition

LLDPE carrier and additives	: 20% wt
TiO ₂ rutile pigment	: 50% wt
CaCO ₃ content	: 30% wt

Physical Properties

Item	Experimental Method	Unit	Standard
Appearance			White pellet
Pellet size		mm	3x3(±0.3)
Melt Flow Index (190°C/2.16kgs)	ASTM D1238	g/10mins	24 ± 5
Density	ASTM D792	g/cm ³	2.27±0.02
Moisture content	ASTM D644	%	< 0.08

Application

- Compatibility : LLDPE, LDPE, HDPE, PP
- Additives : Dispersion agent, processing aid, weather resistance
- Dosage : 0.5 - 25%

Storage and packaging

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

Medical Norm

Attain the Safety Norm for Health and Foodstuff issued by Vietnam Directorate for Standards and Quality allow the decision 3339/2001/QD-BYT promulgated by Vietnam Ministry of Health. Safety apply 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