



DAI A INDUSTRY JOINT STOCK COMPANY

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TECHNICAL DATA SHEET PRODUCT NAME: FILLER COMPOUND

PRODUCT GRADE: IC-TBM2

General Description

IC-TBM2 is filled polypropylene compounds offers processors a wide range of filler and physical properties options. Polypropylene compounds are available with your choice of mineral fillers, polypropylene compounds provide a unique balance of physical properties and ease of processing. A full range of flexural modulus, impact and other physical property options allows you to customize a solution to meet your specific application's needs. IC-TBM2 is a high gloss 60% calcium carbonate filled white polypropylene compound. It is a very high flow grade developed for rigid components requiring good surface finish and impact strength.

Technical Analysis

Physical Property

Items	Method of experiment	Unit	Standard
Virgin Resin HPP and Additive content	Ash Tester	wt%	40.0±2
CaCO ₃ Content	Ash Tester	wt%	60.0±2
Melt Flow Rate (230°C/2.16kg)	ASTM D1238	g/10min	20.0±2.0
Density	ASTM D1505	g/cm ³	1.45±0.1
Moisture content	ASTM D644	%	0.01
CaCO ₃ powder size (Top cut D97)	Malvern 3000	μm	≤8.0
CaCO ₃ powder size (Top cut D50)	Malvern 3000	μm	1 ± 0.2

Properties

Appearance	: White
Additives	: Dispersion agent, processing aid
Processing temperature	: 200 – 220°C
Processing Technique	: PP injection molding, extrusion
Filling rate	: 50 – 100% depending on requirement
Pellet size	: 3x3(±0.3) mm
Compatibility	: PP
Packing	: 25kg/bag
Storage	: Keep at dry and cool place

Medical Norm

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