



Kalpena Industries Limited

Technical Data Sheet

Grade-AFT

Kalpena's filler master batches are produced from ultra-fine dispersible calcium and virgin linear low Density Polyethylene resins. Additives like antioxidant, lubricant and processing aid are added to improve long term thermal & mechanical properties and process ability. The compounds are diluted with desired grades of polyethylene show good dispersibility and excellent balance of properties in the ultimate product.

Kalpena's Filler Master batches offers the following benefits.

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- Enhance impact strength and tear resistance of the film.
- Antislip property, improve strength and improve product stability.
- Smooth and glossy surface finish.
- Cost reduction
- Maintain uniform back-pressure.
- Improve printability and barrier properties.
- Impart bubble stability even at high rate of out put
- Provides thermal stability to processed material.
- Heat sealing at lower temperature.

Results :

properties	Test method	Unit	Typical value
Melt flow index @190 ^o c,2.1 kg	ASTM-D-1238	G/10min	0.2-0.4
Specific gravity@25 ^o c	ASTM-D-792	-	1.80+/-0.05
Whiteness index	CIE GANZ 82	-	>55
Moisture content	ASTM C25	%	<0.05

Storage:The material shall be kept in a cool dry place.

Main application: Blown film(single & multilayer extruder) and carry bags

Doses:- The recommended rate of addition is 15 to 50 % with polymer by weight .

(Pre- heating of AFT gives more improved results. Loading product is dependent on machine and climatic conditions.)

Delivery: Pellets

Package: 25 kg PP woven sacks.

(The information given in the document is believed to be reliable and is given in good faith but without warranty. The user should test the product to assertion the suitability for intended use. The product specification or the whole document is subject to change without any prior notice.)

