



GEMATILEN FK70

70% Calcium Carbonate filled Polyethylene Compound

Description

GEMATILEN FK is a Linear Low-Density Polyethylene carrying 70 % Calcium Carbonate. It has been developed especially for the film industry. It is suitable for General Purpose films, HDPE, LDPE and MDPE Films.

Applications

Typical applications for GEMATILEN FK are T-shirt bags, laundry bags, waste disposal bags, PE tapes, heavy duty bags etc... It can be mixed with any LDPE and HDPE products. By applying the recommended mix percentages it will provide the below benefits to the film production and the final product. For Film Extrusion we recommend a mix percentage between 10% - 50%. These percentages can vary according to the machine's specifications, film thickness and the kind of raw material used.

Features

- With its low cost, it lowers raw material and production overheads.
- Due to its high heat conductivity, it saves in energy costs.
- By allowing a more homogeneous distribution of heat to the dough, it will increase the production capacity in unit time.
- It improves the printing process on film.
- Gematilen FK and the incorporated additives will provide a cleaning effect on machinery.

Physical Properties	Değer Value	Birim Unit	Metod Method
Melt Flow Rate (190 C;2,16 kg) Erime Akış Oranı	0.62 - 0.66	g/10 dk. g/10 min.	ISO 1133
Density Yoğunluk	1.71 - 1.73	g/cm3	ISO 1183
Ash Content Kül Değeri	71 - 73	%	ISO 3451
Humidity Nem	0.01	%	ISO 787

Storage and Handling

For easy handling and storage, Gematilen FK is supplied as cylindrical pellets packed into 25kg. bags (55 bags per pallet) or bulk bags (1.000kg.). The storage location should be dry and dust free. The ambient temperature should not exceed 50°C otherwise it can lead to a degradation of the product, which can result in colour changes, odour and effect product performance.

Important

Information contained in this Technical Data Sheet is given in good faith and to the best of the knowledge of GEMA ELEKTRO PLASTİK A.Ş. Before using the product mentioned herein, customers and other users should take all care in determining the suitability of this product for its intended purposes and particularly with regards to conformity with current regulations. It is the customer's responsibility to inspect and test our products in order to satisfy themselves as to the suitability of the product for their and their customer's particular purposes. GEMA ELEKTRO PLASTİK A.Ş. does not accept any liability whatsoever arising from the use of this information, or, the use, application or processing of any product described herein.

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