



GEMAPILEN BK70

70% Calcium Carbonate filled Polypropylene Compound

Description

Gemapilen BK series is a 70% Calcium Carbonate (CaCO₃) filled Polypropylene compound. The advantages of Gemapilen series are less moulding shrinkage, high degradation temperature under load, high impact resistance, better surface characteristics and greater efficiency depending on heat transmission.

Applications

Gemapilen BK, is used in application such as pipe manufacture, white goods, house appliances, kitchenware, garden furniture, swimming pool grills etc... Gemapilem BK series is often used in the manufacture of unpressurized waste water pipes at the recommended mix percentages of 15% to 30%. It is used for pressurized pipes at mix percentages of 10% to 20%. This ratio can vary according to the machine's specifications, material thickness and the kind of raw material.

Rigid Structure

- The use of Gemapilen BK70 allows for thinner gauges without having any adverse effects upon structural strength. This helps to significantly reduce costs.

Impact Resistance

- When mixed at appropriate Gemapile BK70 increases the impact resistance of the manufactured product .It can improve the impact resistance of manufactured pipes by up to 50%.

Physical Properties	Değer Value	Birim Unit	Metod Method
Melt Flow Rate (230 C;2,16 kg) Erime Akış Oranı	6 - 8	g/10 dk. g/10 min.	ISO 1133
Density Yoğunluk	1.69 - 1.71	g/cm ³	ISO 1183
Ash Content Kül Değeri	71 - 73	%	ISO 3451
Humidity Nem	0.01	%	ISO 787

Storage and Handling

For easy handling and storage, Gemapilen BK 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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