

Technical Data Sheet

Arsabatch CC 41016

Product Type: Polyethylene Filled with Calcium Carbonate

Product Description: Arsabatch CC 41016 is Polyethylene filled with calcium carbonate. This grade features excellent filler dispersion in polymer resin, a balance of good tensile strength and flexibility of final product. Moreover, it results in improving productivity and decreasing product costs. This grade is specially designed to be used for Pallet production.

General

Material	• Polyethylene filled with calcium carbonate
Process Method	• Injection
Color	• Natural White

Physical	Test Method	Test Condition	Value	Unit
Density	ASTM D792	23 °C	1.52	gr/cm ³
Ash/Filler	ASTM D5630	500 °C	60	%

Advantages:

- Reduction in energy consumption
- Reduction in raw material costs, depending on the percentage of Arsabatch used
- Reduction of polymer consumption
- Reduction of cycle time due to the higher thermal conductivity of the CaCO₃

Recommended Dosage: 5 – 10 % depending on product's size and structure

- All mentioned information in this technical data sheet present current knowledge and experience of Arsam. Naturally, these data do not guarantee certain values since may vary on customers processing conditions, so they are provided for reference purposes only and should not be used alone to create specification limits and design basis.

Note:

- Pre-drying is recommended for this material. Dryer temperature of 70 °C is recommended and 1-2 hour is generally sufficient