

CALCICHEM

❖ Description

CALCICHEM is a mineral modifier with a high, very fine, treated CaCO₃ content that has an excellent dispersion in the final product, indicated for direct addition in the processing of polyolefins such as extrusion and injection.

The **CALCICHEM** mineral modifier is designed for films, Raffia and ropes, injection molding parts, Plastic sheets, thermoforming sheets with LDPE, HDPE, LLDPE, and PP carriers.

Item	Technical indicators	
Carrier	LLDPE	
CaCO ₃ content	(%)	80+/-2
Moisture content	(ppm)	≤1500
Melt Index (2.16kg/230 °C)	(g/10min)	0.8+/- 0.2
Density @ 23°C	(kg/m ³)	1900

❖ Advantage

- Increase of productivity
- Raw material costs reduction
- Power consumption reduction
- Thermal conductivity improvement
- Increase of the anti-blocking effect
- Print improvement on the end product

❖ Packaging

CALCICHEM is supplied in standard pellet form packed in 25 kg bags.

❖ Storage and handling

CALCICHEM should be stored to prevent direct sunlight and heat exposure. The storage area should also be dry and preferably not exceed 50°C; Bad storage conditions may lead to quality deterioration and product performance. It is advisable to process within 18 months after delivery.

Disclaimer: The information & data presented herein are typical values & should not be considered specifications and may be used as a guideline only. POLYCHEM does not undertake any responsibility for any outcome or results from adopting or replicating the data mentioned above & information thereon for possible use for various applications. POLYCHEM reserves the right to change the information & data without any prior notice or information. The user will solely be responsible for any process/product usage.