

KARINFILLER®

Filler Compounds are concentrates of filler materials dispersed in a polymer matrix, used to facilitate their incorporation into the final product and to improve or adjust its properties.

Karinfiller® are mineral-filled compounds based on calcium carbonate or talc, designed to enhance mechanical properties, improve dimensional stability, and reduce production costs.

Characteristics

Calcium carbonate concentrates are used to improve processing performance, enhance product properties, and reduce formulation costs by replacing part of the resin.

For film applications, the base resin used in the product is polyethylene (PE), which may be either LDPE or LLDPE.

The calcium carbonate concentrate consists of:

- Resin
- Calcium carbonate
- Lubricants

Applications

- Rigid packaging
- PVC pipes and fittings
- Injection-molded parts
- Automotive components
- Hoses
- Seals and gaskets

Processing

- Extrusion
- Injection molding
- Blow molding

Advantages

- Improved mechanical properties
- Reduced formulation costs
- Enhanced processability
- Thermal stability
- Improved surface finish

- ✓ High technology laboratory
- ✓ Specialized technical department
- ✓ Quality control of finished products
- ✓ Logistics with 24-hour service



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