



KEMICA – HDPE

The HDPE (high density polyethylene) powder is used as a non-slip agent in high quality coatings as an alternative to sand and other mineral fillers.

Characteristics

Material	: High-density Polyethylene (HDPE) - Polymer
Particle Size, Maximum	: 400 µm
Density	: 0.96 g/cm ³
Vicat Softening Point	: 127 °C
Crystalline Melting Range	: 126 - 142 °C
Number Average Molecular Weight (Mn)	: 25 000
Weight Average Molecular Weight Light Scattering (Mw)	: 80 000
Water Absorption	: 0.03%

Advantages – Application fields

Uniform and aesthetic surface appearance
Added directly into the resin, no second step is necessary

Implementation

Application	Mix well Component A, incorporate HDPE directly into Component A - mix well before mixing with Comp B. Mixing ratio: add 3% wt (per weight - maximum 6%) (i.e. for a 5 kg resin kit, add 150 g of HDPE product to Comp A)
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Notes on the application / limits

- Avoid contact with humidity, preferably store in a dry place
- If a less or more non-slip effect is desired, the user can choose to add less or more of the product into the resin.

Packaging	
pail	1 kg
pail	2 kg