



SWASAN CHEMICALS PVT. LTD.

SWAMILL™ Polymer Powder Additives for Paints & Varnishes

SWAMILL thermo-plastic powders offer an attractive alternative to waxes and are used as additives in paint and varnish formulations to obtain

- Satin & matt finishes
- Structural effects
- Anti-slip surfaces

Typical Applications:

- Road marking
- Interior & exterior structured paint
- Vehicle body parts
- Wood & metal coatings
- Electrical box coatings
- Marine coatings
- Heavy duty industrial floorings
- Swimming pools & surrounding infrastructure



Easy to Use

- Reduced Application times: add by stirring into the liquid paint, no additional process is necessary
- Easy & even dispersion
- The finished paint is easy to apply using standard equipment
- Inert: No modification or reaction to the paint formulation

Product Features

- Excellent anti-slip surface
- Excellent visual aspect thanks to the even distribution over the surface
- Hides any surface imperfections on the coated object

Mechanical Benefits

- Excellent abrasion & scratch resistance
- Significantly improved impact resistance

Product Portfolio

| GRADE | POLYMER | MELTING POINT (°C) | PARTICLE SIZE (µm) MAX. | PARTICLE SIZE (µm) x 50 |
|------------------|----------------|--------------------|-------------------------|-------------------------|
| SWAMILL PK-101-A | PP Compound | 135 | 315 | 190-230 |
| SWAMILL PK-201-A | LLDPE Compound | 118 | 75 | 15-30 |
| SWAMILL PK-201-B | LLDPE Compound | 118 | 400 | 200-250 |
| SWAMILL PK-301-A | HDPE Compound | 128 | 90 | 40-60 |
| SWAMILL PK-301-B | HDPE Compound | 128 | 125 | 60-90 |
| SWAMILL PK-301-C | HDPE Compound | 128 | 200 | 90-140 |
| SWAMILL PK-401-A | LDPE Compound | 105 | 90 | 55-75 |

Application Guide

| GRADE | POLYMER | Textured Paint | Industrial Epoxy Flooring | Anti-Slip | Matt & Satin Finish | Road Marking |
|------------------|----------------|----------------|---------------------------|-----------|---------------------|--------------|
| SWAMILL PK-101-A | PP Compound | | ✓ | ✓ | | ✓ |
| SWAMILL PK-201-A | LLDPE Compound | ✓ | | | ✓ | |
| SWAMILL PK-201-B | LLDPE Compound | | ✓ | ✓ | | ✓ |
| SWAMILL PK-301-A | HDPE Compound | ✓ | | | ✓ | |
| SWAMILL PK-301-B | HDPE Compound | ✓ | | | | |
| SWAMILL PK-301-C | HDPE Compound | ✓ | | | | |
| SWAMILL PK-401-A | LDPE Compound | ✓ | | | ✓ | |

NOTE: The low specific gravity of SWAMILL powders allow particles to migrate to the surface of the substrate. The addition rate is between 2 & 10 wt.%.

The product described herein is manufactured by **Swasan Chemicals Private Limited**. The above data and results obtained are average values from laboratory testing and are not to be construed as specifications.

