

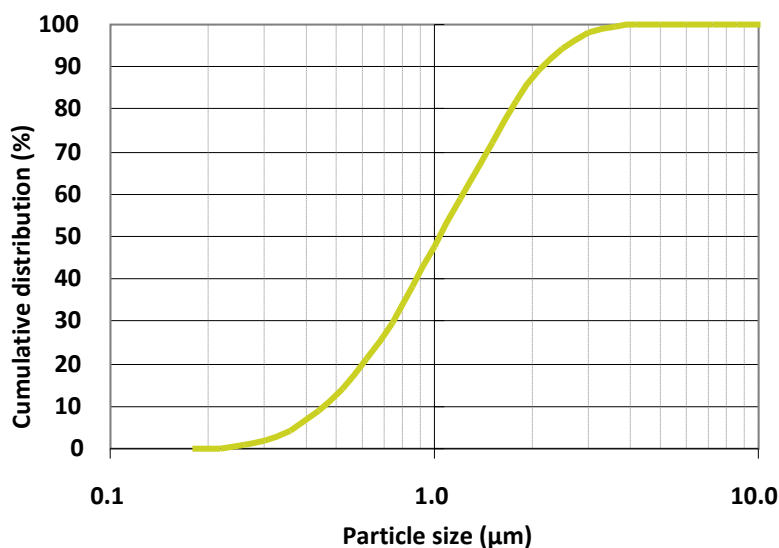
FP-480 OPACITY PIGMENT

FP-480 is unique opacity pigment powder for use in solvent borne paint applications. FP-480 is designed to give optimal optical properties enabling partial replacement of TiO₂ in paints.

FP-480 TYPICAL PIGMENT PROPERTIES

These are typical values but do not constitute specifications.

Dry Solids	%	99.0
Brightness (ISO)		95.0
L* value		98.8
b* value		1.4
Specific Surface Area (BET)	m ² /g	10.0
Average Particle Size	µm	1.0
Specific Gravity		2.8
Oil absorption	g/100g	43
Bulk / Tapped Density	g/l	415 / 675



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Polyester/TGIC and Polyester:Epoxy Powder Coatings

- 1: For **Polyester/TGIC or Polyester/Primid**, test using a replacement ladder of 10, 15, 20 and 30% FP-480.
- 2: Make a 1:1 weight for weight replacement of TiO₂ with FP-480.
- 3: Premix the dry components as usual incorporating the FP-480 along with the TiO₂ Pigment.
- 4: Process as normal - no changes to the extrusion set-up is necessary.
- 5: Complete powder as normal.

- 1: For **Polyester/Epoxy or pure Epoxy**, test using a replacement ladder of 10, 15 and 20% FP-480.
- 2: Make a 1:1 weight for weight replacement of TiO₂ with FP-480.
- 3: Premix the dry components as usual incorporating the FP-480 along with the TiO₂ Pigment.
- 4: Process as normal - no changes to the extrusion set-up is necessary.
- 5: Complete powder as normal.

Contrast Ratio in a Polyester/TGIC Powder Coating

