



## — TECHNICAL DATA SHEET —

### PFT90

**Product description:**

PFT90 calcined kaolin is a grade with high brightness, fine particle distribution and medium high oil absorption. It is providing good opacity and tinting ability in coating formulation performing as extender of titanium dioxide. It is also high cost effective functional filler for paper.

**Chemical Name:** Anhydrous aluminum silicate

**Main application:** Coating, paper.

**Typical Properties:**

Properties	Standard
Brightness (TAPPI, %) $\geq 95$	$\geq 95$
Brightness (ISO R457, % ) $\geq 93$	$\geq 93$
Particle size (-2 $\mu$ m, %)	88 $\pm$ 2
Screen residue (325 mesh, %)	$\leq 0.005$
Oil absorption (g/100g )	70 $\pm$ 5
Moisture (%)	$\leq 0.5$
pH	6.0-8.0

**Chemical Components:**

SiO <sub>2</sub> (%)	Al <sub>2</sub> O <sub>3</sub> (%)	Fe <sub>2</sub> O <sub>3</sub> (%)	TiO <sub>2</sub> (%)	CaO (%)	Na <sub>2</sub> O (%)	K <sub>2</sub> O (%)	MgO (%)
52 $\pm$ 2	45 $\pm$ 2	$\leq 0.8$	$\leq 1.3$	$\leq 0.5$	$\leq 0.2$	$\leq 0.1$	$\leq 0.2$