



## —TECHNICAL DATA SHEET—

### PFT80

**Product description:**

PFT80 calcined kaolin is a popular type grade with high brightness, reasonable particle distribution and medium 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, plastic, rubber, electrical wire etc.

**Chemical Name:** Anhydrous aluminum silicate

**Main application:** Coating, paper, plastic, rubber, electrical wire.

**Typical Properties:**

Properties	Standard
Brightness (TAPPI, %) $\geq 95$	$\geq 95$
Brightness (ISO R457, % ) $\geq 93$	$\geq 93$
Particle size ( $-2\mu\text{m}$ , %)	$80\pm 2$
Average particle size (D50, $\mu\text{m}$ )	$1.0\pm 0.1$
Screen residue (325 mesh, %)	$\leq 0.005$
Oil absorption (g/100g )	$60\pm 5$
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 (%)
$52\pm 2$	$45\pm 2$	$\leq 0.8$	$\leq 1.3$	$\leq 0.5$	$\leq 0.2$	$\leq 0.1$	$\leq 0.2$