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TECHNICAL DATA SHEET

Product Code: ACH PW706

Description:

ACH PW706 is a titanium dioxide pigment produced by the chloride process and surface treated with inorganic metal oxides and special organic chemicals. ACH PW706 yields excellent durability, dispersibility, whiteness, gloss, tinting strength and hiding power.

Applications:

ACH PW706 is widely used in polyolefins, PVC, ABS resin, high gloss paints, coatings, powder paints, and inks. It is a universal pigment for waterborne and solvent-based systems.

Typical Physical Properties:

TiO ₂	92.0% min
Rutile Form	99% min
Inorganic Treatment	Yes
Organic Treatment	Yes
Sieve Residue on 325 Mesh	0.01% max
Average Particle Size, μm	0.265
Specific Gravity	4.1
pH	6.5 to 8.5
Oil Absorption, g/100g	20 max
Resistivity of Water Extract, Ωm	100 min
CIE L*	97.5 min
CIE a*	-0.9 to -0.5
CIE b*	1.2 to 2.0
Tint Strength	106% min
Volatile Matters at 105 °C	0.8% max
Soluble Matters in Water	0.5% max

Packaging: 25 kg, 500 kg, or 1000 kg.

Storage: Store away from excessive heat and humidity.

Shelf-life: In the original sealed package 60 months from date of manufacturing.

Classification(s): ISO591-1: 2000 (E): R2 & ASTM D-476-84: II

The information given herein in good faith and free of charge is believed to be accurate and reliable. It is not intended to meet any specification(s). The company makes no warranties and undertakes no responsibilities regarding this product except as stated in contract documents for its supply. The product is not designed for pharmaceutical or medical use.