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TECHNICAL DATA SHEET

Product Code: ACH PW105

Description:

ACH PW105 is a surface treated titanium dioxide pigment for plastics produced by the chloride process. ACH PW105 yields excellent durability, good processing, and high whiteness and hiding power.

Applications:

ACH PW105 is widely used in plastic profiles, piping, plates and master batches. It is not recommended in aqueous applications.

Typical Physical Properties:

Property	ACH PW105
TiO ₂	92.0% min
Rutile Form	99.0% min
Inorganic Treatment	Yes
Organic Treatment	Yes
Average Particle Size, μm	0.286
CIE L*	98.0 min
CIE a*	-0.9 to -0.3
CIE b*	1.4 to 2.0
Tint Strength	103% min
pH	7.0 to 9.0
Specific Gravity	4.0
Oil Absorption, g/100g	18.5
Volatile Matters at 105 °C	0.8% max

Packaging: 25 kg, 500 kg, or 1,000 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: 2100 (E): R2 & ASTM D-476-84: II

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