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TECHNICAL DATA SHEET

Product Code: ACH PW104

Description:

ACH PW104 is a surface treated titanium dioxide pigment for plastics produced by the chloride process. ACH PW104 yields excellent hiding power and tinting strength and good dispersibility in polymers and processing.

Applications:

ACH PW104 is widely used in polyolefin master batches, plastisol, polystyrene and its copolymers, and also in ABS/PC/PVC.

Typical Physical Properties:

| Property | ACH PW104 |
|--------------------------------------|--------------|
| TiO ₂ | 96.0% min |
| Rutile Form | 99% min |
| Inorganic Treatment | Yes |
| Organic Treatment | Yes |
| Average Particle Size, μm | 0.260 |
| CIE L* | 97.5 min |
| CIE a* | -0.9 to -0.5 |
| CIE b* | 1.4 to 2.0 |
| Tint Strength | 115% min |
| Specific Gravity | 4.1 |
| pH | 6.5 to 8.5 |
| Oil Absorption, g/100g | 16 max |
| Volatile Matters at 105 °C | 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: 2100 (E): R2 & ASTM D-476-84: II(IV)

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