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Technical Data Sheet

Product Characteristics

KCR-516 is a rutile titanium dioxide pigment with alumina, Zirconia and organic surface treatment, with advantages of blue color and gloss, high scattering power, high durability and excellent dispersibility. It exhibits outstanding covering power and brightness and is useful to retain the mechanical properties of the finished products. Recommend in plastics.

ITEM		Technical Specifications
TiO ₂ %		≥97.00
Brightness		≥98.00
Tinting Power (Reynolds Number, TCS)		≥1900
105 ^o C Volatile (g/100g) %		≤0.5
Matter Soluble in water, %		≤0.5
PH value		6.5~8.5
Oil absorption		≤17
Fineness(45μm sieve residue) %		≤0.02
Resistivity Ω.m		≥80
Oil dispersible power(Hegemann Number)		≥6.0
L*b	L	≥100.0
	b	≤1.80

Characteristics: ◇excellent compatibility with plastic resin, and outstanding dispersibility; ◇exhibiting good melting fluidity in color masterbatch with high content of pigment; ◇exhibiting good anti-yellowing property during high-temperature processing; ◇ good blue phase and whiteness.

Application fields: ◇color masterbatch of polyolefin, PVC, ABS, PS etc; ◇ plastic section bar, plate and tube; ◇color paste and ink.

Packing

In 25kg paper bags or 500kg and 1000kg jumbo bags