CR-228

　　攀钢R-228是一种硫酸法工艺生产的油墨专用金红石型钛白产品。产品以优质的攀钢自产钛精矿为原料，通过严格的过程指标设计及控制获得了优异的粒径分布，并采用无机及有机处理复合包膜工艺，在油墨应用体系中具有卓越的分散性、高光泽、高白度、低黏度、适当的遮盖力及高安全性能。可广泛应用于各种油墨及对光泽要求较高的室内高端涂料领域。

推荐应用领域

- 复合里印油墨
- 高光泽表印油墨
- 高光泽高端装饰涂料

技术指标

指标	标准	典型值
二氧化钛含量，% ≥	91.0	95.5
金红石含量，% ≥	98.0	98.0
亮度（Jasn），% ≥	95.0	95.0
白度（目视，与标准样比）	不低于	不低于
干粉L*	—	98.0
干粉B*	—	1.4
消色力（雷诺指数）≥	1850	1900
分散性（黑格曼数）≥	6.50	6.50
吸油量，g/100g ≤	18	16
水悬浮液pH值	6.0~9.0	8.0
水萃取液电阻率，Ω.m	80	130
105℃挥发份，% ≤	0.8	0.3
筛余物（45um筛孔），% ≤	0.02	0.01
表面处理	—	有

产品储存

避免产品受潮和暴晒

产品包装

产品采用 25 kg、500kg、1000 kg三种包装

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R-228 is a grade of Rutile TiO2 Pigment for inks. It is produced by sulfate process with high quality ilmenite concentrate from Pangang. It has the prominent particle size and distribution by strict process parameter designing and controlling, and has the special inorganic and organic coating treatment. So, it has excellent dispersibility, high gloss, high whiteness, lower viscosity, moderate hiding power and prominent safety . It can be widely used in inks, interior high gloss paint etc..

Recommended Applications

- Compound surface printing ink
- High gloss reverse printing ink
- interior high gloss paints

Technical Index

Index Item	Standard	Typical Value
TiO$_2$Content , %□ ≥	91.0	95.5
Content of rutile, %□ ≥	98.0	98.0
Brightness, % ≥	95.0	95.0
Whiteness(visualization, comparison to standard sample)	Not less than	Not less than
L* (dry powder)	--	98.0
B* (dry powder)	--	1.4
Reducing power (Reynolds Number)≥	1850	1900
Dispersibility (Hegman) ≥	6.50	6.50
Oil absorption, g/100g ≤	18	16
Slurry PH	6.0-9.0	8.0
Electric Resistivity, Ω·m	80	130
Volatile at 105℃, %□ ≤	0.8	0.3
Sieve residue(45μm), % ≤	0.02	0.01
Surface treatment	—	Yes

STORAGE

Avoid damp and sun exposure.

PACKING

In 25kg,500kg,1000kg bags