

CR-340

攀钢CR-340是一种采用氯化法工艺生产的金红石型塑料专用钛白产品。产品通过严格的过程参数设计及控制获得了优异的粒径分布，并采用特殊的无机和有机表面处理工艺，可广泛应用于柔性及对耐候性要求适中的塑料领域。产品具有卓越的分散性，优异的蓝白底相，良好的消色、遮盖力，在耐高温体系中有着杰出的抗黄变性能和抗裂孔性能。

推荐应用领域

- 高浓度色母粒
- 各类高端薄膜
- 丝、线类塑料产品
- 注塑产品
- 中等耐候要求的塑料类产品
- 橡胶

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

技术指标			
指标		标准	典型值
二氧化钛含量, %	≥	94.0	97.0
金红石含量, %	≥	99.8	100
亮度 (Jasn), %	≥	94.8	95.0
白度 (目视, 与标准样比)		不低于	不低于
干粉L*		-	99.0
干粉B*		-	1.2
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	≤	15.0	15.0
105℃挥发物, %	≤	0.5	0.1
320° 耐高温抗黄变 ΔE	≤	-	0.5
SEM平均粒径 (nm)		-	190
无机处理		Al ₂ O ₃	-
有机处理		有	-

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CR-340 is a grade of rutile TiO₂ Pigment for plastics. It is produced by chloride process. It has the prominent particle size and distribution by precise process parameter designing and controlling, and the special inorganic and organic coating treatment. So, it has been widely used in flexible and moderate durability plastics. It has many advantages, such as prominent dispersibility, excellent bluish undertone, whiteness, high temperature anti-yellowing, non-breaking during production of casting film at high temperature, etc.

Recommended Applications

- High concentration of masterbatch
- High-quality films
- Silk and wire plastics
- Injection plastics
- Moderate durability plastics
- Rubber

STORAGE

Avoid damp and sun exposure.

PACKING

In 25kg, 500kg, 1000kg bags

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Technical Index		
Index Item	Standard	Typical Value
TiO ₂ Content, % □ ≥	94.0	97.0
Content of rutile, % □ ≥	99.8	100
Brightness, % ≥	94.8	95.0
Whiteness (visualization, compared with standard sample)	Not less than	Not less than
L* (dry powder)	-	99.0
B* (dry powder)	-	1.2
Reducing power (Reynolds number)	1850	1900
Dispersibility (Hegman) ≥	6.50	6.50
Oil absorption, g/100g ≤	15.0	15.0
Volatile at 105℃, % □ ≤	0.5	0.1
Color 320℃, □ E ≤	-	0.5
Average partical size(nm) SEM	-	190
Inorganic treatment	Al ₂ O ₃	-
Organic treatment	Yes	-