R-298

攀钢R-298是一种采用硫酸法工艺生产的通用级（型）金红石钛白粉颜料，产品以优质、稳定的自产攀西钛精矿为生产原料，采用锆、铝无机包膜及复合有机处理工艺，具有优异的蓝色底相及光泽度，良好的分散性、遮盖力、耐候性，可广泛应用于木器漆、汽车修补漆、油墨、建筑涂料、工业涂料及型材等领域。

推荐应用领域

- 木器漆
- 汽车修补漆
- 油墨
- 建筑涂料
- 工业涂料

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，%	≥	91.0	94.5
金红石含量，%	≥	98.0	98.0
亮度（Jasn），%	≥	95.0	95.0
白度（目视，与标样比）		不低于	不低于
干粉L*		–	97.9
干粉B*		–	1.6
消色力(雷诺指数)	≥	1920	1930
分散性(黑格曼数)	≥	6.50	6.5
吸油量，g/100g	≤	20	17
水悬浮液pH值		6.0～9.0	7.3
水萃取液电阻率，Ω·m	≥	80	130
105℃挥发物，%	≤	0.8	0.3
筛余物（45μm筛孔），%	≤	0.02	0.01
SEM平均粒径（nm）		–	240
无机处理		ZrO_2、Al_2O_3	–
有机处理		有	–

R-298

R-298 is a general grade of rutile TiO_2 pigment. It is produced by sulfate process with high-quality ilmenite concentrate from Panzhihua & Xichang area. Advanced inorganic coating by aluminum and zirconium, compound organic treatment has been adopted in production. It has the advantages of excellent bluish undertone and gloss, good dispersibility, strong hiding power, and good weather resistance. It can be widely used in carpentry paint, automotive repair paint, inks, architectural paint, industrial paint, plastic profiles, etc.

Recommended Applications

- Carpentry paint
- Automotive repair paint
- Inks
- Industrial paint
- Architectural coating

STORAGE

Avoid damp and sun exposure.

PACKING

In 25kg,500kg,1000kg bags

Technical Index

Index Item	Standard	Typical Value
TiO_2 Content , %☐ ≥	91.0	94.5
Content of rutile, %☐ ≥	98.0	98.0
Brightness, % ≥	95.0	95.0
Whiteness (visualization，compared with standard sample)	Not less than	Not less than
L (dry powder)	–	97.9
b (dry powder)	–	1.6
Reducing power (Reynolds number)	1920	1930
Dispersibility (Hegman) ≥	6.50	6.5
Oil absorption, g/100g ≤	20	17
Slurry pH	6.0～9.0	7.3
Electric resistivity, Ω·m☐ ≥	80	130
Volatile at 105℃, %☐ ≤	0.8	0.3
Sieve residue（45μm），% ≤	0.02	0.01
Average partical size(nm) SEM	–	240
Inorganic treatment	ZrO_2,Al_2O_3	–
Organic treatment	Yes	–