



TiO₂-80

钛白粉系列

Titanium dioxide series



Δ 成分 Composition

钛白粉 Titanium dioxide	80±1%
EPDM 橡胶 EPDM Rubber	20±1%

Δ 产品说明 Product Description

外观 Appearance	淡黄色颗粒 Light Yellow granule
密度(g/cm ³): Density(g/cm ³):	1.28±0.04
门尼粘度,ML(1+4)at50°C: Mooney viscosity,ML(1+4)at50°C:	45±10
过滤工艺(Mesh/pm) Filtration process(Mesh/pm)	150 目/100µm 150mesh/100µm

Δ 原料说明 Raw Material Description

项目 Item	性能指标 Specification
CAS NO.	1317-70-0
Initial M.P.(active TIO ₂)°C≥ 初熔点 (活性 TIO ₂) ≥	119.0
氧化钛含量, %≥ Titanium oxide content, %≥	98
105°C挥发物, %≥ 105 ° C volatiles, % ≥	0.5
灼烧减量, %≤ Burning reduction, %≤	0.6
水可溶物, %≤ Water soluble matter, %≤	2.0
筛余物 (100µm), %≤ Residue(100um)%≤	0.1
比重, m/cm ³ Specific gravity, m/cm ³	3.23
白度 Whiteness	99

Δ 应用 Application

1 本品在橡胶行业中既作为着色剂,又具有补强、防老化、填充作用;
1 This product is used as a coloring agent in the rubber industry, and has the functions of reinforcing, anti-aging and filling;



Operational Office Address: Suite 2610-2611 Foreign Trade Building, 239 Zhongxing Road,
Luohu District, Shen Zhen City, P R of China
Tel: +86-805-8218 4166 Fax: +86-805- 8218 7033
Email: info@meyor.cn URL: www.rbb.com.cn

2 本品以高分散、抗团聚的 EPDM 载体,经过多道特殊高分散加工工艺,大大提高钛白粉在胶料中分散,避免团聚,确保制品硫化均匀,物性稳定;	2 This product is highly dispersed and anti-agglomerated EPDM carrier, through a number of special high-dispersion processing technology, greatly improve the dispersion of titanium dioxide in the rubber compound, avoid agglomeration, ensure uniform vulcanization of the product, and stable physical properties;
3 在白色和彩色橡胶制品中加入本品,在日光照射下,耐日晒,不开裂、不变色,伸展率大及耐酸碱;	3 This product is added to white and colored rubber products. It is resistant to sunlight, sun cracking, no discoloration, high elongation and acid and alkali resistance under sunlight.
4 本品有优越的白度,偏蓝相;具有高分散性、高耐候性、高遮盖力、高光泽、抗褪色性好、无毒;	4 This product has superior whiteness and blue phase; it has high dispersibility, high weather resistance, high hiding power, high gloss, good fading resistance and non-toxicity;
5 本品属金红石型,有增强抗臭氧和抗紫外线能力,常用于白色轮胎、胶管、鞋底等行业。	5 This product is rutile type, has enhanced ozone and UV resistance, and is commonly used in white tires, hoses, soles and other industries.

ΔUsage 用法	和填料一起加入。 Add with the filler.
ΔDosage : 用量 :	1~10% , 具体用量可根据胶料而定。 1~10%, the specific dosage can be determined according to the rubber compound.
ΔPackage : 包装 :	25Kg/箱 25Kg/box
ΔShelf time 储存期限 :	阴凉干燥条件下存储 12 个月 12 months in cool and dry place

附注:可根据客户要求做不同含量产品,如 TiO₂-50GE 本公司还代理 R-103,R-834,CR-501,R980,R-940 等。
Note: Different content products can be made according to customer requirements, such as TiO₂-50GE. The company also acts as agent for R-103, R-834, CR-501, R980, R-940 and so on.