

# R-616S

## Rutile TiO<sub>2</sub>

- A special type of plastic

### Product description

R-616S is an excellent rutile titanium dioxide produced by a new technical Sulphate process. With professionally designed and controlled in hydrolysis and calcination process, the particle size of R-616S is more uniform under advanced and finely grinding technical. R-616S owns lower oil absorption and better levelling property through the special surface treatment. With our company's large-scaled producing equipment, advanced DCS control system, high technical and experienced management, R-616S exhibits outstanding and stabilized quality.

### Typical properties

Rutile content (%)	≥98.0
TiO <sub>2</sub> content (%)	≥96.0
Brightness (%)	≥95.4
Tinting strength	≥2000
PH value	6.0~8.5
Oil absorption (g/100g)	≤15
325 mesh sieve residue (%)	≤0.01
Resistivity (Ω·m)	≥80
Oil dispersion (H)	≥6.5
Volatile rate att 105°C	≤0.5
Inorganic coating	Al
Organic treatment	Yes

### Suggestions for us

R-616S has narrow partial size and low oil absorption ability which makes it pretty suitable for plastic extrusion process, such as Polyolefin, PVC Rolling Film, ABS, PS, tube and other industries.

### Package

Can provide 25kg/ 500kg/ bag; 1000kg/ bag According to the customer need



### 产品描述

R-616S是由硫酸法全新生产工艺制造的金红石型二氧化钛。它的水解和煅烧经过专门的设计和控制在，先进、精细的研磨，使R-616S的粒度分布更均匀，经过特殊的表面处理，R-616S拥有了更低的吸油量，更好的流平性。生产装置的大型化，先进的DCS控制系统，以及我公司强大的技术力量和丰富的管理经验，使得R-616S具有了更稳定出色的品质。

### 典型的技术指标

金红石含量 (%)	≥98.0
TiO <sub>2</sub> 含量 (%)	≥96.0
亮度 (%)	≥95.4
消色力 (雷诺兹数)	≥2000
PH值	6.0~8.5
吸油量 (g/100g)	≤15
325目筛余物 (%)	≤0.01
电阻率 (Ω·m)	≥80
有分散性 (黑格曼数)	≥6.5
挥发份105°C	≤0.5
无机包膜剂	Al
有机处理剂	有

### 应用建议

R-616S具有更细的粒径和更低的吸油量，使其更适合需要高浓度的应用领域。主要适用于PVC压延膜等领域。

### 包装

可根据客户需要提供25kg/袋；500kg/袋；1000kg/袋。

# R-616S

## 金红石型钛白粉

- 塑料专用型

