



TaiHai Technology

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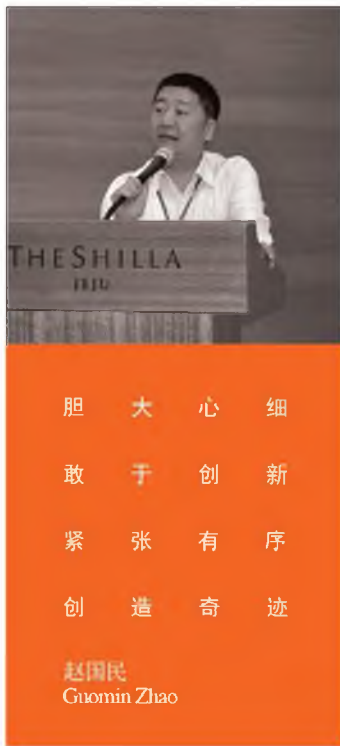
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Factory Introduction

钛海(集团)简介

Application Of Products

产品应用

Quality Control

检测和质量控制

Business Accountability

社会责任



Factory Introduction

攀枝花钛海科技(集团)有限公司由攀枝花市钛海科技有限责任公司、攀枝花鼎星钛业有限公司、攀枝花市金港钛业有限公司、建水县云川实业有限公司、四川钛海化工有限责任公司组建。目前产品覆盖钛精矿、酸溶性高钛渣、锐钛型和金红石型钛白粉。现年产金红石型钛白8万吨,锐钛型钛白粉3万吨,钛精矿5万吨,酸溶性钛渣5万吨。公司现已形成集矿山采选、钛矿冶炼、钛白粉生产为一体的钛产业链。

多年来,公司所属企业先后获得“攀枝花市钛产业十强企业”、“攀枝花市外贸出口先进企业”、“中国海关A类管理企业”、“中国质量诚信企业”、“四川省高新技术企业”“攀枝花市环保先进企业”等多项国家、省、市荣誉称号。

TaiHai Group has capacities of ilmenite with 80,000 mt/year, titanium slag with 50,000mt/year, Rutile TiO₂ with 80,000mt/year, Anatase TiO₂ with 30,000mt/year. TaiHai Group has formed and manages titanium industry chain from mineral separation & smelting to producing tior.

TaiHai Group has been rewarded by government many times, such as Certificate of Ten best Titanium Companies in Panzhihua City, Certificate of best Exporter, Certificate of Class A Corporate Authorized by Chinese Customs, Certificate of Chinese Reliable Corporate, Certificate of Advanced Technology Coporate in SiChuan Province, Certificate of Environment friendly Corporate and so on.



Application Of Products

作为一名成熟的硫酸法生产商，我们擅长提供稳定的质量和精准的产品定位。希望这本手册能帮助经销商实现专业的销售，同时指导最终用户正确的使用钛海/鼎星系列钛白粉产品。

THR-218采用铝铝和有机包覆，使之拥有钛白粉更高的光泽度，在涂料和油墨的应用表现更佳。

THR-219和THR-216均采用硅铝和有机包覆。THR-219的致密包覆技术使之在耐候性能更加出色。THR-216的硅铝包覆使之在内外（外）墙乳胶漆中展现更好的颜料性能。

THR-6666采用的 Al_2O_3 和有机（硅氧烷）包覆，在塑料（色母）使用中展现低粘度，易加工和耐黄变的性能。

PDA系列的锐钛型钛白粉含有极低的重金属（铅、砷、铬、汞等），适用于化纤钛白粉制造等特殊用途。

PDC系列钛白粉的BET数值范围经过精心地设计和控制，适合不同类型的催化钛白应用领域。

As a professional sulfate TiO_2 producer, we focus on stable quality and precise product positioning. We hope this brochure can help distributors achieve professional sales, while guiding the end user use our TiO_2 efficiently. THR-218 coated by Zr/Al & organic, has better gloss, performing efficiently in coatings and printing ink. THR-219/THR-216 are coated by Si/Al & organic. THR-219 has dense coatings on particle and are more durable than others. THR-216 performs well as pigment in (ex&interior) emulsion.

THR-6666 is coated by Al & organic(silica), easliy disperse and process, excellent resistance to high temperature. PDA series Anatase TiO_2 has low metal content, such as Pb, Se, Hg, etc, suitable for fiber TiO_2 , stationery. PDC series catalyst TiO_2 has different BET range, suitable for various applications.



THR-218	高分散 High Dispersion	涂料、油墨 Coatings & Printing Ink
THR-216	高遮盖 High Hidingpower	乳胶漆(内外墙) Emulsion Exterior & Interior
THR-219	高耐候 High Durability	用于户外硬质PVC, 装饰纸, 汽车漆 Rigid PVC Exterior, Wall Paper, Car Finishes
THR-6666	易加工 Easily Process	聚烯烃, PVC管材, 包母粒 Polyolfins, PVC pipes, Master-batch
PDA1000	高白度 Good Whiteness	涂料, 塑料, 造纸, 橡胶, 油墨等 Coatings, Plastic, Paper, Rubber, Ink
PDA2000	高白度, 高分散 Good Whiteness & High Dispersion	涂料, 塑料, 造纸, 橡胶, 油墨等 Coatings, Plastic, Paper, Rubber, Ink 化纤钛白粉基料, 其它要求低重金属含量用途 Fiber TiO ₂ , other application with low metal content
PDC	高比表面积 High BET	催化剂钛白粉 Catalyst TiO ₂

产品应用

Application



产品应用-涂料和油墨

Application
Paint & Ink



		218	216	219	6666	1000	2000	PDC
工业涂料	Industrial Coatings							
卷材涂料	Coil Coatings	o	o	o				
电泳漆	Electrodeposition Coatings	o						
家电漆	Appliance Coatings	o		o				
木器漆, 外用	Wood Finishes, Exterior		o					
家具漆	Wooden Furniture Finishes	o						
底漆	Primers	o				o	o	
汽车漆	Automotive Finishes			o				
修补漆	Vehicle Refinish Paints	o		o				
轨道交通涂料	Rail Vehicle Coatings	o						
航空航天涂料	Aircraft Coatings	o						
船舶涂料	Marine Coatings	o		o				
包装涂料	Packaging Coatings	o	o					
粉末涂料, 外	Powder Coating, exterior	o	o					
粉末涂料, 内	Powder Coating, interior	o	o				o	
建筑涂料	Building Coating							
哑光乳胶漆	Emulsion Paint, Matt	o	o			o	o	
高光乳胶漆	Emulsion, satin Gloss	o	o			o	o	
平光乳胶漆	Emulsion Paint, Gloss	o	o			o	o	
装饰涂料	Trade Decorative Paints	o	o	o				
硅树脂漆	Silicone Paint							
硅胶漆	Silicate Paints And Plaster					o	o	
水泥	Plaster, cement-bound							
合成树脂	Plaster, synthetic Resion-bound							
油墨	Printing Ink							
柔板油墨, 哑光	Flexographic Ink, Matt	o	o					
柔板油墨, 平光	Flexographic Ink, Gloss	o	o					
平板油墨	Offset Inks	o	o					
丝网油墨	Screen-printing Inks	o	o					
纺织油墨	Textile Printing Inks	o	o					
凹版油墨	Gravure Inks	o	o					



产品应用-塑料造纸其它

Application

Plastic & Paper & Other



		218	216	219	6666	1000	2000	PDC
热塑性塑料 <i>Thermoplastic</i>								
硬质PVC, 外墙	<i>rigid PVC, exterior</i>		o	o		o	o	
硬质PVC, 内墙	<i>rigid PVC, interior</i>	o	o	o	o	o	o	
软质PVC	<i>Plasticised (soft) PVC</i>				o	o	o	
聚氯乙烯糊树脂	<i>PVC plastisols</i>				o			
聚烯烃	<i>polyolefins</i>				o			
色母粒	<i>masterbatch</i>				o			
聚苯乙烯	<i>polystyrenes and copolymers</i>				o			
聚酰胺/聚丙烯	<i>polyamides, polyacrylics</i>			o				
聚碳酸酯	<i>polycarbonate</i>			o				
其它工程塑料	<i>other engineering plastics</i>							
热固性塑料 <i>Thermoset</i>								
注塑树脂	<i>casting resins</i>			o				
三聚氰胺	<i>urea/melamine compounds</i>			o				
酚醛树脂	<i>phenolic compounds</i>			o				
造纸 <i>Paper</i>								
装饰纸	<i>paper laminates</i>		o	o				
纸浆	<i>paper pulp</i>					o	o	
涂布纸	<i>paper coatings</i>	o	o	o				
水泥	<i>Cement/Concrete</i>					o	o	
陶瓷	<i>Ceramics</i>					o	o	
搪瓷	<i>Enamels</i>					o	o	
玻璃(纤维)	<i>Glass/glass fiber</i>					o	o	
电焊条	<i>Welding</i>					o	o	
脱硫脱硝	<i>De-Sulfur/De-Nitration</i>							o



完善的检测手段和先进的仪器

Advanced Detection Means And Instruments

可接受标准包括GB, ISO, ASTM以及客户指定标准

从原材料到成品的完整检测体系

应用实验检测

先进的仪器, 例如荧光光谱, X-ray衍射仪, 激光粒度仪, 色差计等

Accept the standards including GB, ISO, ASTM and customer specified standards

Complete detection system from raw materials to finished products.

Application of experimental detection

XFD, XRD, Mastersizer2000, Colorimeter, etc.



质量控制的核心是稳定

How To Quality Control

配套的矿山/钛渣工厂和硫酸厂确保关键原材料稳定

稳定的配方和严格的工艺控制

根据客户数据库进行批次筛选, 确保Delta E 小于0.5

安全的仓储和运输, 防潮防污

及时聆听客户的意见, 解决问题

Full industrial chain from mining to TiO₂

Stable formulation and strict process control

Batch selection as per customers' database ensure

color difference(Delta E) is below 0.5

Well organized in storage and transportation, to keep

cargo in dry and clean

To listen to our customers, to solve the problem



客人的关注

Customers' Concern

更好的性价比 *More competitive*

稳定的质量 *Stable quality*

完整美观的包装 *Complete & Clean packing*

准时的装运 *Deliver in time*

及时的沟通 *Closely communication*

共同的长远目标 *Shared long term goal*

检测和质量控制

Environmental Protection

企业责任 Business Accountability



攀枝花最大的私营企业之一
就业2000人



遵守环保法律法规



带动行业发展



回馈社会

One of Panzhihua's largest private enterprise, the employment of 2000 people.

Promote development of the industry

Comply with environmental regulations

To serve the society



环保与创新

Environmental Protection And Innovation

三废处理

Waste treat/recycle

废气

waste gas

酸解, 煅烧, 气流粉碎等工艺排放的废气经过电子除雾达到标准后排放

All waste gas should be cleaned before emission through electronic dust collector

废酸

waste acid

浓缩后用磷酸盐制品生产; 部分中和后达标排放

Concentrated acid to phoshate fertilizer plant, partly neutralized with $CaO/Ca(OH)_2$

废渣

waste solids

提取酸解渣中可利用成份, 如 TiO_2
废酸中和后的硫酸钙经过脱水, 送至水泥厂

Recycling TiO_2 and other metal from waste solids
 $CaSO_4$ slurry sent to concrete plant after drying

ISO 14000

认证中
In process

产品创新

Product innovation

在产品稳定的基础上不断提高品质

Upgrade on basis of stable quality

使产品具有更好的适用性和性价比

Better performance and more competitive

多用途/专用级产品相配合, 有效降低客户的库存

Multipurpose and special grade, reduce stock level

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