



山东万特新材料科技有限公司

Shandong Avant New Material Technology Co.,Ltd

Tel: 0533-2802131

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Add: Chuangye Building, Beijing Road, Zhangdian, Zibo, Shandong, China

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I、Company Profile

Shandong Avant New Material Technology Co., Ltd. was established on May 23, 2017, located in Zhangdian District, Zibo City, Shandong Province. Based in Shandong, the company is expanding its channel marketing-oriented foreign trade enterprises in the United States, the European Union, Southeast Asia and the countries along the Belt and Road. It focuses on the marketing and sales of new materials, chemical medicines, auto parts and other products. The company has 20 experienced management and foreign trade personnel, including 14 foreign trade personnel, including 5 overseas returnees.

Companies adhering to the "customer first, service first, realistic and innovative, mutual benefit" business purposes, strengthen contact and cooperation with all walks of life, through the joint efforts of domestic brand manufacturers, open up the United States, the European Union, Southeast Asia, the countries along the Belt and Road, for customers and brands Establish a direct communication and trading platform between manufacturers to save costs for customers and win greater profits for manufacturers. At the same time, the company is committed to exploring the e-commerce platform for import and export trade of new materials, chemical medicines, auto parts and other products. The company implements the "people-oriented" management philosophy, actively builds corporate culture, and the corporate spirit of "joining and forging ahead, striving for efficiency" has gradually become the code of conduct for every employee, thus ensuring the company's development in a healthy direction. The company pays attention to improving management efficiency and attaching importance to the talent reserve strategy. Since its establishment, the company has always placed the attracting, cultivating and using talents in an important position, and strived to cultivate its good ideological quality, political quality, collective concept and long-term dedication to serve the enterprise.

I . Zibo Newyoe International Trading Co.,Ltd.

The company was established on November 29, 2007, located in Zichuan District Economic Development Zone, Zibo City, Shandong Province, with an annual sales of 18,000 tons and annual



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sales income of 10 million US dollars. Zibo New Yorker International Trading Co., Ltd. is the American Borax Group in Shandong Province. The sole agent, the company has independent import and export rights, the company also has a group of high-quality work team, aiming to provide the best chemical raw materials, the most excellent service level, for us in Shandong and even China glass ceramics, chemical companies to make us Deserved contribution.

Now the company's customers have covered the entire Shandong Province. We have a spot warehouse in Qingdao Port, which can provide customers with high quality and reasonable price of Boron Group products.

II. Shandong Linjia New Material Technology Co., Ltd.

The company is the original shareholder of Shandong Linjia New Material Technology Co., Ltd., which was established on October 30, 2014 and is located in the Economic Development Zone of Zichuan District, Zibo City, Shandong Province. The company is mainly engaged in the research and development, production and sales of various grades of nano-scale aluminum hydroxide flame retardants. The company's products are widely used in halogen-free flame retardant cable materials, composite insulators, copper clad laminates, new building materials, communications and other industries. The company has an annual production capacity of 12,000 tons of nano-grade flame retardant production line. It has 12 utility model patents, 2 invention patents accepted and "Linjia Technology" registered trademark. In 2015, the key project enterprises in Zichuan District grew into a large-scale enterprise in Zichuan District in 2016. Now has the annual production capacity of 12,000 tons of nano-sized aluminum hydroxide flame retardant. It has a production workshop of 1500m², a three-dimensional warehouse of 500m², and 20 full-time R&D personnel, including 13 full-time employees and 7 part-time employees. The R&D center has invested more than 6.7 million yuan and has more complete experimental equipment and analytical instruments. The company has 82 employees.

In 2014, Shandong Linjia nano-materials R&D Center was approved by Zibo City as a municipal "one enterprise and one technology" R&D center; in 2015, it received the talent support of Zibo City "Care Talents Program"; in December 2015, the company's equity transaction in Qilu The center's



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growth version was listed; in January 2016, the A round of financing was completed 20 million, and two listed company shareholders were introduced; in 2016, it was supported by the “Shandong Province Taishan Industry Leadership Talent Project” technology and entrepreneurship talents.

III. Zibo Guozheng Steel Plate Co., Ltd.

Zibo Guozheng Steel Plate Co., Ltd. was established on February 14, 2004, located in Zichuan District Economic Development Zone, Zibo City, Shandong Province. The annual sales income is 60 million yuan. Our company has established long-term and stable cooperative relations with many retailers and agents of Zibo Stainless Steel Co., Ltd., with complete varieties, reasonable prices, strong enterprise strength, creditworthiness, abiding by contracts, guaranteeing product quality, operating with multiple varieties and small profits. The principle of sales has won the trust of our customers. The company has always pursued the corporate tenet of “Honesty, Truth, Service, and Satisfaction”, and fully follows the needs of customers and continuously carries out product innovation and service improvement.

II. Product Introduction & Application

1. Aluminum hydroxide Series

Avant has 2 production lines(Bayer process and Grinding process) which could offer 1200-1500 tons ATH products monthly.

Our products could be used for flame retardant, silicone rubber insulator, EPDM, plastic&rubber, artificial marble, solid surface, water treatment chemical(PAC), coatings&ink, adhesives, paper etc field.

Micron aluminum hydroxide property is to flame retardant self extinguishing, thus adding advanced composite materials in the plastic and rubber products, it will not only have the function of flame retardant and smoke suppression effect, but also anti leakage resistance, abrasion resistance enhancement.



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Silane-coated aluminum hydroxide is widely used in cable materials and silicone rubber to change the physicochemical properties of the filler surface, improve its dispersibility in resins and organic polymers, and improve the compatibility of the basic interface between fillers and resins. In order to improve the mechanical properties of materials such as plastics and rubber.

Application	Series	Grade	Specifications					Moisture ≤	Oil absorption ml/100g ≤	White ness ≥	lg loss % ≥
			D50μm	Al(OH) ₃ ≥	SiO ₂ ≤	Fe ₂ O ₃ ≤	Na ₂ O ≤				
LSZH wire compound LSZH cable compound Silicone rubber, rubber insulation, paper coating material	Precipitated	LJ-HW-1A	0.7±0.2	99.6	0.02	0.01	0.35	0.2	40	99	34.5
		LJ-HW-1	1±0.2	99.6	0.02	0.01	0.35	0.2	36	99	34.5
		LJ-HW1B	1.5±0.2	99.6	0.02	0.01	0.35	0.2	34	99	34.5
	Surface treated	LJ-G201	1.0±0.2	99.6	0.02	0.01	0.35	0.2	35	99	34.5
		LJ-G301	1.0±0.2	99.6	0.02	0.01	0.35	0.2	35	99	34.5
		LJ-VP100	1.0±0.2	99.6	0.02	0.01	0.35	0.2	35	99	34.5
Artificial Marble, Solid Surface, SMC/BMC	Ground	LJ-HW-5	5±2	99.6	0.02	0.01	0.35	0.2	33	98	34.5
		LJ-HW-5A	5±2	99.6	0.02	0.01	0.5	0.2	36	97	34.5
		LJ-HW-8	8±2	99.6	0.02	0.01	0.35	0.2	31	98	34.5
		LJ-HW-8A	8±2	99.6	0.02	0.01	0.5	0.2	34	96	34.5
		LJ-HW-10	10±2	99.6	0.02	0.01	0.35	0.2	30	98	34.5
		LJ-HW-10A	10±2	99.6	0.02	0.01	0.5	0.2	33	96	34.5
		LJ-HW-14	14±2	99.6	0.02	0.01	0.35	0.2	27	97	34.5
		LJ-HW-14A	14±2	99.6	0.02	0.01	0.5	0.2	30	95	34.5
		LJ-HW-20	20±5	99.6	0.02	0.01	0.35	0.2	25	96	34.5
		LJ-HW-20A	20±5	99.6	0.02	0.01	0.5	0.2	28	94	34.5
		LJ-HW-25	25±5	99.6	0.02	0.01	0.35	0.2	24	96	34.5
		LJ-HW-25A	25±5	99.6	0.02	0.01	0.5	0.2	27	94	34.5
		LJ-HW-50	50±10	99.6	0.02	0.01	0.35	0.2	22	94	34.5
		LJ-HW-50A	50±10	99.6	0.02	0.01	0.5	0.2	25	92	34.5
LJ-HW-75	75±25	99.6	0.02	0.01	0.35	0.2	21	92	34.5		
LJ-HW-75A	75±25	99.6	0.02	0.01	0.5	0.2	24	90	34.5		
Aluminium Fluoride Aluminium Sulphate Aluminium Oxide,PAC	Aluminium Trihydrate	LJ-90T	90±25	99.6	0.02	0.01	0.35	8	-	87	34.5
		LJ-90L	90±25	99.6	0.02	0.01	0.35	8	-	78	34.5
		LJ-90S	90±25	99.6	0.02	0.01	0.35	8	-	70	34.5

2. Activated Alumina Series

Activated Alumina product is manufactured by dehydroxylation where it produces highly porous materials from aluminum hydroxide. Water molecules are being trapped between the small passages of the alumina itself, which enables it to dry as it goes through the filter. Activated Alumina is also used in vacuum application. Activated alumina is used for a wide range of adsorbent and catalyst applications including the adsorption of catalysts in polyethylene production, in hydrogen peroxide production, as a selective adsorbent for many chemicals including arsenic, fluoride, in sulfur removal from fluid streams.



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Series	Specification	Grain Size mm	Bulk Density mm	Surface Area m^2/g	$AL_2O_3\%$	Pore Volume ml/g	Attrition Loss %	Crushing Strength N/Granule	Application
Activated Alumina desiccant	AVANT-AS-04	Φ 1-3	0.70-0.80	≥ 300	≥ 92		≤ 0.3	≥ 60	Absorbent Desiccant
		Φ 2-4	0.70-0.80	≥ 300	≥ 92		≤ 0.3	≥ 100	
		Φ 3-5	0.70-0.80	≥ 300	≥ 92		≤ 0.3	≥ 140	
		Φ 4-6	0.70-0.80	≥ 300	≥ 92		≤ 0.3	≥ 180	
		Φ 5-7	0.70-0.80	≥ 300	≥ 92		≤ 0.3	≥ 220	
Activated Alumina Fluoride	AVANT-AS-DF	Φ 1-3	≥ 0.65	320		≥ 0.4		≥ 60	Defluorination Agent
		Φ 2-4	≥ 0.65	320		≥ 0.4		≥ 100	
Activated Alumina Hydrogen Peroxide Anthraquinone Regeneration Catalyst	AVANT-AS-MS	Φ 3-5	≥ 0.6	≥ 180		≥ 0.4		≥ 120	Regeberation Catalyst/Catalyst Carrier



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Air Compressor

Activated alumina desiccant has advantages such as stable chemical properties, good adsorption capacity, high pressure-resistant, high wear-resistant, etc. Widely used in air compressor.



Fluoride Adsorbent

Activated alumina is also widely used to remove fluoride from drinking water.



Desiccant

Used as a desiccant, it works by a process called adsorption. The water in the air actually sticks to the alumina itself in between the tiny passages as the air passes through them. The water molecules become trapped so that the air is dried out as it passes through the filter.



Catalyst

Activated alumina is used for a wide range of adsorbent and catalyst applications including the adsorption of catalysts in polyethylene production, in hydrogen peroxide production.



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HOT Product Application



PVC Cable 电缆料



Insulator 绝缘子



Silicone Rubber 硅橡胶



Plastics & Rubber



Coatings&Inks 涂料&墨水



H-WF-1 μm Aluminum Hydroxide



Olive Style 1
© know it nothing
of all the images is a masterpiece

Avant Material

Micron aluminum hydroxide (Brand No.: H-WF-1) property is to flame retardant self extinguishing, thus adding advanced composite materials in the plastic and rubber products, it will not only have the function of flame retardant and smoke suppression effect, but also anti leakage resistance, abrasion resistance enhancement.



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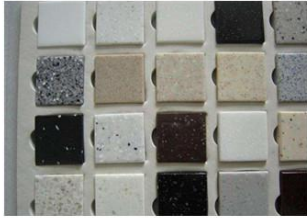
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HOT Product Application



人造大理石



Artificial Marble



SMC/BMC 复合材料



SMC片材



Avant Material

2.Borax & Boric Acid Series

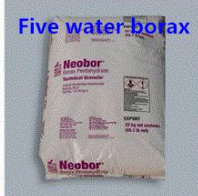
HOT Product Application

Neobor borax

Zero water borax



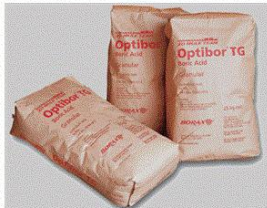
Five water borax



TP level optibor boric acid



硼酸



Avant Material



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3. Brake Disc Series

HOT Product Application

Brake disc 刹车盘



Brake Drum/刹车鼓



Avant Material



5. Anti-corrosion Storage Tank Series

HOT Product Application

anti-corrosion tank



Avant Material





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III. Quality Management

Company quality policy is to achieve customer satisfaction by assuring that each product delivered or service provided will consistently meet or exceed the established standards. As part of our dedication to quality, Linjia Company will:

1. Develop and nurture an environment conducive to the highest standards of quality,
2. commitment and continuous improvement.
3. Partner with and monitor our vendors and suppliers to obtain the most consistent and
4. highest quality materials and services.
5. Use statistical methods to understand and manage the actions of our total organization.
6. Dedicate ourselves to continuous improvement in all activities of our business.
7. Continually strive to develop our employees through training and education.
8. Quality will be achieved through prevention of defects rather than detection.

IV. Our Vision

To be a world leader providing specialty, industrial raw materials and manufacturing supplies; being directed by our core values, quality policy and focused on our mission.