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宏达力絮凝剂 - 氧化铝生产过程中最佳的助剂  
The best assistant in the production of HDL flocculant alumina

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针对氧化铝生产过程中，HDL所研发和生产的特点有：  
According to the characteristics of HDL R&D and production in alumina production process:

- 1.絮凝能力强，絮凝速度快，稳定性好  
Strong flocculation capacity, fast flocculation speed and good stability
- 2.形成的絮团厚实、易脱水  
The formed flocs are dense and structured
- 3.有效降低铝酸钠溶液中的杂质，提高沉降槽产能  
Effectively reduce the content of plankton in aluminate solution and improve the capacity of settling tank
- 4.温度和pH值影响小  
Slightly affected by temperature and pH-value
- 5.沉降速度快  
Fast settling speed
- 6.有效防止浮渣物的特效  
It has the effect of reducing plankton

产品的作用效果：  
Effect of the product:

- 1.有效降低铝酸钠溶液中的杂质含量，提高沉降槽产能  
Effectively reduce the content of plankton in sodium aluminate solution and improve the capacity of settling tank
- 2.提高澄清度，提高沉降速度。  
Improve the clarity and overflow quality.
- 3.低固含量浆液  
Low solid liquid ratio
- 4.防止赤泥混浆  
Prevent red mud from swelling

HDL研发生产的干粉在氧化铝焙烧中的特点：  
Special effects of the dry powder developed and produced in Alumina Sinter:

1. 有明显的助排溢流的效果；  
Clear degree of overflow is obviously enhanced
2. 降低溢流的浮渣物；  
Reduce the overflowing plankton;
3. 增加分选和排渣量；  
Increase the use of the discharge of the leaf filter;
4. 降低溢流的应用力；  
Application force to reduce yield
5. 石灰的使用量降低。  
The use of lime is reduced;

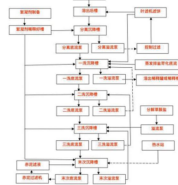


洗涤槽中使用絮凝剂的特点：  
Special effect of flocculant used in washing tank

1. 高分子量；  
High molecular weight;
2. 可以在不同的碱性环境下具有兼容性；  
It can be compatible in different alkaline solutions;
3. 增加溢流的澄清度；  
Increase the clarity of overflow;
4. 沉降速度明显提高；  
The settlement velocity is obviously increased;
5. 降低生产成本，增大设备生产力；  
Reduce the cost and increase the equipment productivity;
6. 提高设备运行性能；  
Improve mud compression performance;

氧化铝生产过程中流程图：  
Flow chart of alumina production process:

1. 分离沉降槽中，通过控制新生产产出的铝酸钠；  
Separate settling tank by using flocculant produced and developed by us. HDXA-666 can improve the precipitation rate.
2. 洗涤过程中，使用我们生产的絮凝剂HDXM356-4能增加溢流澄清度。  
In the washing process, use our production And developed flocculant HDXM356-4 Enhance overflow clarity.



HDL主要产品的类别  
HDL main product categories

产品名称 Product Description	产品用途 Product usage	外观 Appearance	固含量 (g/100g) Solid content	表观粘度 (mpa.s) (25°C-25°C) Apparent viscosity	UL 粘附 (mpa.s) (25°C-25°C)	PH 值 PH
HDXA-636	主要用于国内客户 Mainly used in domestic cases	乳白色或浅棕色微凝胶 Milky white or light brown viscous liquid	≥10	≥1000	5	5.9
HDXA-666	主要用于国内客户 Mainly used in domestic cases	乳白色或浅棕色微凝胶 Milky white or light brown viscous liquid	≥10	≥1000	5	5.9
HDXA-678-1	主要用于国内客户 Mainly used in domestic cases	乳白色或浅棕色微凝胶 Milky white or light brown viscous liquid	≥10	≥1200	5	5.9
HDXA-678-2	主要用于国内客户 Mainly used in domestic cases	乳白色或浅棕色微凝胶 Milky white or light brown viscous liquid	≥10	≥1200	5	5.9
HDXM356-4	主要用于国内客户 Mainly used for washing reported use	乳白色或浅棕色微凝胶 Milky white or light brown viscous liquid	≥10	≥1000	5	5.9
HDXM352	主要用于国内客户进行溢流物的沉降 Mainly used for fast and settlement of imported bacula	乳白色微凝胶 Milky viscous liquid	≥10	≥1200	5	≥10
HDS-690	主要用于国内客户 Mainly used in domestic cases	白色粉末 White powder				
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宏达力研发团队一直致力于为客户提供高品质的产品和服务。我们拥有先进的研发设备和专业的技术人员，能够为客户提供定制化的解决方案。我们的产品广泛应用于氧化铝生产、污水处理等领域，深受客户的信赖和好评。



HDL's flocculant is based on the full understanding of the customer's specific needs and requirements for various alumina and aluminate products. At the same time, HDL's business and technical representatives will also communicate with customers here to focus on how to determine the specific technical indicators and all requirements of products required by customers (customers). HDL's technical personnel match the products used by customers on-site.



Our new goal is to be a valuable long-term partner to our customers. In order to achieve this goal, we not only meet the needs of customers in the product, but also make a responsible choice for you. We will make more reasonable and efficient use in the actual production process, and to maximize the product process and reduce the production cost of the enterprise under the requirements of meeting health and safety (customers). HDL technical personnel communicate with customers on-site.