



STATE HIGH-TECH ENTERPRISE

Refined Dye Dispersants

Lignin Series



ZHEJIANG JIEFA TECHNOLOGY CO.,LTD



Company Profile

Zhejiang Jiefa Technology Co., Ltd, a leading provider of sodium lignosulfonate and other lignin product application solutions. Our prestigious clientele, including global disperse dyes industry leaders like Dystar, Archroma, Nippon Kayaku, Yorkshire, Longsheng, Jihua and others, is a testament to our market dominance and unparalleled product quality. With modern manufacturing facilities in Zhejiang and Fujian province, we boast an annual production capacity of 80,000 tons of sodium lignosulfonate dispersants. Beyond manufacturing, we've been pivotal in shaping industrial standards for lignin dispersants in China. Our commitment to excellence has garnered national awards, such as the High-Tech Enterprise and the SRDI(Specialized, Refinement, Differential, Innovation) Enterprise. Infusing technology into our processes, the advanced DCS automatic control system ensures product consistency and reliability. Furthermore, our adherence to global best practices is underscored by certifications including ISO9001(Quality Management System), ISO14001(Environmental Management System), ISO45001(OH&S Management System), and ISO50001(Energy Management System). At Zhejiang Jiefa Technology Co., Ltd., we don't just create products; we set industry benchmarks.



Refined S Series Sodium Lignosulfonate Dispersants

● Product Description:

Jiefa S series sodium lignosulfonate dispersant, as an industry leader, outperforms similar imported American products like 85A. Environmentally friendly and derived from natural pine wood, it's free from harmful chemicals like APEO and quinoline, and is biodegradable. It boasts excellent high-temperature dispersibility, heat stability, stain resistance, and minimal foaming, with a natural aromatic scent. Widely adopted by global dye companies, it's become the preferred choice in disperse & vat dye application over naphthalenesulfonate dispersants, especially with the EU's REACH regulations in place.

● Product Features:

Jiefa S series sodium lignosulfonate dispersants are anionic dispersants for disperse dyes and vat dyes. It boasts excellent grinding performance, effectively dispersing dye particles, preventing dye agglomeration, and enhancing dyeing uniformity and uptake rate. The product has low hygroscopicity and reducibility, making it suitable for various chemical structures of disperse and vat dye systems. Moreover, it has an exceptional ability to remove tar. During the dyeing process of ultra-fine fibers and high-count, high-density fabrics, as well as bobbin yarn, it effectively prevents the occurrence of color spots and blotches.

● Technical Specification

Model	Appearance	pH (1% aqueous solution, 25°C)	Water Content/%	Sulfate Content/%	Water-insoluble Matter (%)	Polyester Dye Staining (Grade) ¹	Heat Stability (°C)	High-temperature Dispersibility (Grade) ²
S-42	Uniform Brownish Powder	9.5~11.0	≤8.0	≤2.0	≤0.03	≥2-3	≥160	A/5
S-36	Uniform Brownish Powder	9.5~11.0	≤8.0	≤2.0	≤0.03	≥3	≥155	A/4-5
S-33	Uniform Brownish Powder	9.5~11.0	≤8.0	≤2.5	≤0.03	≥3	≥155	A/4-5
S-28	Uniform Brownish Powder	9.5~11.0	≤10.0	≤2.5	≤0.03	≥3	≥155	A/4-5
S-34	Uniform Brown Powder	9.5~11.0	≤10.0	≤2.5	≤0.03	≥4	≥140	A/3-4
SF-17	Uniform Brownish Powder	9.5~11.0	≤10.0	≤2.0	≤0.05	≥3	≥150	A/3-4

1. Dye Staining is tested by HG/T 3507-2008 standard test method, and evaluated by GB/T 251-2008 / ISO 105-A03:201 grey scale.

2. High-temperature dispersibility is tested/evaluated by GB/T 5541-2017.



ISO9001 ISO14001 ISO45001



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