







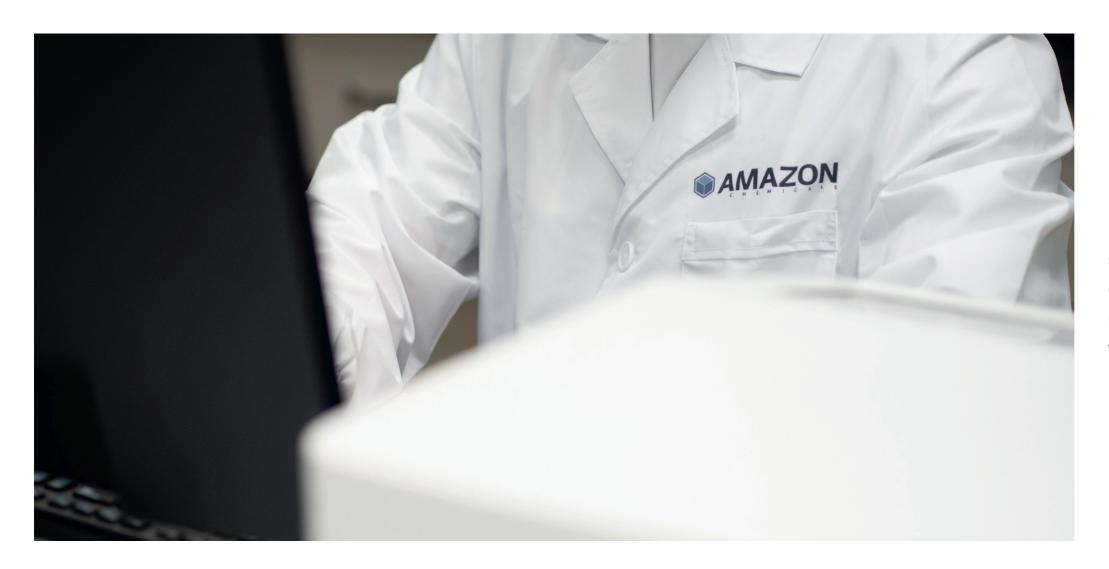
AMAZON MISSION:

Empower the paper industry with innovative chemical solutions that enhance quality, efficiency, and sustainability. We are dedicated to delivering exceptional value through cutting-edge research, superior products, and unparalleled customer service. By fostering strong partnerships and continually evolving our technologies, we aim to be the trusted partner of choice for the paper industry globally.



BUSINESS MAP

American market	Mexico; Brazil; Peru; Ecuador; Argentina
Asia market	India; Indonesia; Bangladesh Vietnam; Australia; Iran
European market	Italy, France , Russia, Belarus, Türkiye



RESEARCH & DEVELOPMENT

Relying on the strong technical research and development support of Tianjin University of Science and Technology, Amazon quickly entered the market with high-quality products, reasonable prices and good after-sales service. Through unremitting efforts, we strive to build a paper chemical industry base.



CATALOG

- -AKD Chemicals (Alkyl Ketene Dimer)
- -Functional Chemicals
- -Paper Liquid Dyes
- -Process Chemicals
- -Pulp Chemicals
- -Environmentally Friendly Chemicals
- -Technical Support

AKD CHEMICALS (ALKYL KETENE DIMER)

PRODUCT LISTS:

Product Name	Main Parameter	Purpose	
AKD 1840/1865/1895	90%	Main raw material of AKD emulsion	
AKD Emulsifier	25%	Emulsifying AKD, raw material for AKD emulsion	
High Polymer Emulsifier	40%	Emulsifying AKD, raw material for AKD emulsion	
Dispersant N	100%	Dispersing AKD , raw material for AKD emulsion	
AKD Stabilizer	36%	Stable agent, raw material for AKD emulsion	
AKD Starch	KD Starch 98% Special Starch for AKD en		
AKD Emulsion	15-20%	Paper internal/surface sizing	
Noted: We are the only manufacturer in the world using toluene-free process to produce AKD			

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CUSTOMER APPLICATION LABORATORY

We provide customers with AKD raw materials as well as corresponding technical services and the synthesis formula of AKD emulsion. In order to ensure product quality, we have set up a customer application laboratory to provide technical services.







Physical index testing:

- · Particle size test
- ·Solid content testing
- ·Zeta potential

Application testing:

- ·Lab-type AKD emulsion production line
- ·Cobb60-120 test
- · Dynamic Cobb test

FUNCTIONAL CHEMICALS

PRODUCT LISTS:

Product Name	Main Parameter	Purpose	
Cationic Surface Sizing Agent	30%	Paper waterproofing	
Anionic Surface Sizing Agent	25%/30%	Paper waterproofing	
Wet Strength Agent	12.5%/ 20%/ 25%	Ehance strength of wet paper	
Dry Strength Agent	15%/ 20%	Increase fiber strength	
Cationic Rosin Sizing Agent	35% Paper waterproofing		





PRODUCT SEGMENTATION:

Taking surface sizing agent as an example

Modle	Application	Features
Azsize® S605A	Box board paper Corrugated paper	Fast curing, stable water resistance , cost- effective
Azsize® S605B	Coated whiteboard Cardboard High-grade box board paper	Less foam, strong resistance to paper machine volatility, good compatibility.
Azsize® S605C	Coated white board paper Food card paper High-grade wrapping paper	Strong cationic polymer base surface adhesive, good sizing performance, small dependence on Al³+, but more foam
Azsize® S606	Double offset paper Light weight paper Culture paper	Good water resistance, good compatibility with anionic additives(OBA)

PROCESS CHEMICALS

PRODUCT LISTS:

Product Name	Main Parameter	Purpose
PolyDADMAC	40%	Curing, fixing and flocculants
Polyamine	40%/ 50%	Anionic trash capture agent
DADMAC	60%/ 65%	Foam copolymer and homopolymer
Stickies Control Agent	50%	Reduce the stickies of pulp
Defoamer	30%-100%	Eliminate and suppress white water or black liquor foam
Felt Cleaner	Acidic/ Alkaline	Papermaking felt cleaning and washing
Fixing Agent	40%	control the concentration of white water under the net and effectively assist the retention system
Scale Inhibitor	-	Inhibit the formation of scale deposits on surface
Retention Aid	88%	Helps active substances adhere to the fibers

PRODUCT SEGMENTATION:

Taking defoamer as an example

Modle	Application	Features
Azpc® FA-D01	Papermaking white water foaming	Fatty alcohol defoamer. Excellent defoaming performance, easy to disperse
Azpc® Si-D03	Pulping, black liquor	Modified silicone ether ester based, high temperature resistance, strong alkali resistance.
Azpc® PE-D01	Papermaking wet end circulating white water	Polyether based, Excellent defoaming performance

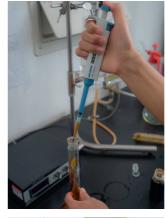


PAPER LIQUID DYES

PRODUCT LISTS:

Product Name	Shade (2% water solution)	Viscosity (mpa.s)	Density (g/ml)	PH
Cationic Yellow 2S liq		≤ 100	1.05-1.25	3.5-5.5
Cationic Red CL liq		≤ 100	1.05-1.25	3.5-5.5
Cationic Black C liq		≤ 100	1.05-1.25	3.5-5.5
Cationic Brown Y liq		≤ 100	1.05-1.25	3.5-5.5
Cationic Orange 2Y liq		≤ 100	1.05-1.25	3.5-5.5
Cationic Blue K liq		≤ 100	1.05-1.25	3.5-5.5
Anionic Yellow LY liq		≤ 100	1.05-1.25	7.5-10.5
Anionic Red DL liq		≤ 100	1.05-1.25	7.5-10.5
Anionic Orange RTN liq		≤ 100	1.05-1.25	7.5-10.5
Anionic Black SB liq		≤ 100	1.05-1.25	7.5-10.5
Optical Brightener Agent		-	1.10-1.20	8-11
Customized product				

OUR COLOR SOLUTIONS:









1. Matching samples

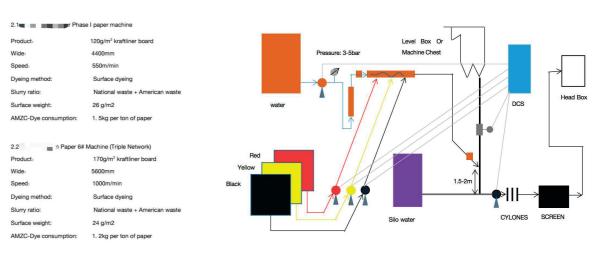
The UV curve of the sample is measured by UV spectrophotometer to infer the color and intensity.

2.Paper making test

Papermaking test + LAB test to determine the amount and ratio of dye addition.

3. Process optimization:

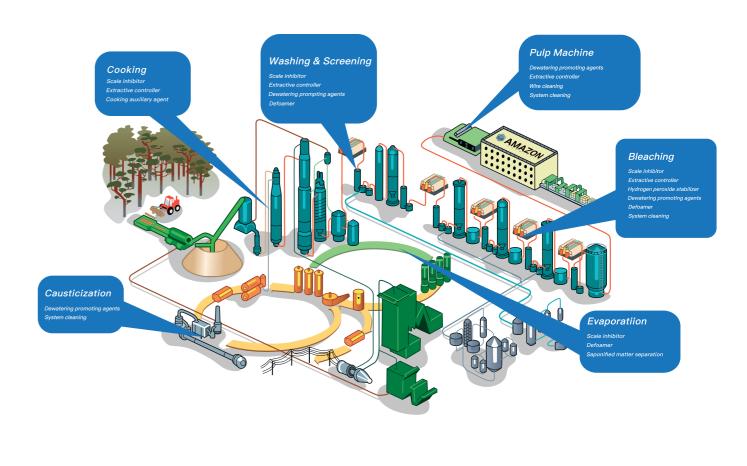
- -Optimize the dye formula, replace anions with cations, and replace powders with liquids.
- -Optimize the addition system, fully automatically detect and add dyes to ensure stable paper color



PULP CHEMICALS

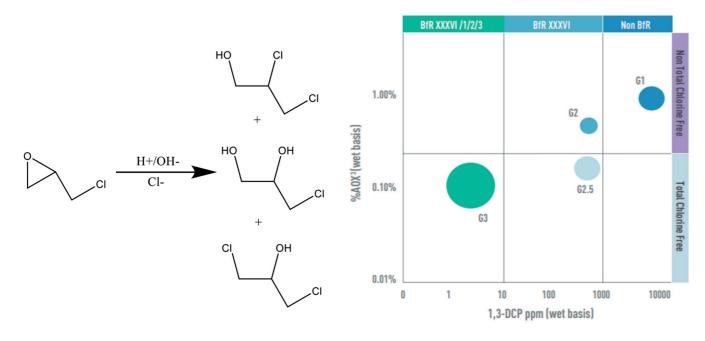
PRODUCT LISTS:

Product Name	Purpose
Scale inhibitor	Inhibit the formation of scale deposits on surfaces, help maintain the efficiency of heat transfer and fluid flow, reducing energy consumption and improving process performance.
Extractive controller	Ensuring that resinous and extractive materials are kept within acceptable limits, minimizing their negative impact on equipment and paper quality
Hydrogen peroxide stabilizer	Applicable in various fields of hydrogen peroxide bleaching, with noticeable enhancement in CTMP and APMP bleaching efficiency
Defoamer	Break down or prevent the formation of foam by reducing surface tension or disrupting the foam bubbles



ENVIRONMENTALLY FRIENDLY CHEMICALS

LOW CHLORINE WET STRENGTH AGENT



Product Name	DCP/ppm	MCPD/ppm
Wet Strength Agent-G2	≤ 1000	≤ 500
Wet Strength Agent-G2.5	≤ 50	≤ 250
Wet Strength Agent-G3	≤ 20	≤ 20

PULP MOLDING CHEMICALS





Product Name	Purpose
Oil Proof Agent	C6 standard and modified fluorine acrylate copolymer, Suitable for waterproof and oil-proof processing of paper pulp moulded lunch box.
Oil Proof Agent (Fluoride-free)	Fluoride–free oil proof agent, Fully complies with FDA requirements for food contact paper.
Water-based Barrier Coating	Replace the existing PE coating scenarios and can be used in hamburger paper, paper cup paper.

TECHNICAL SUPPORT

PAPER PERFORMANCE TEST

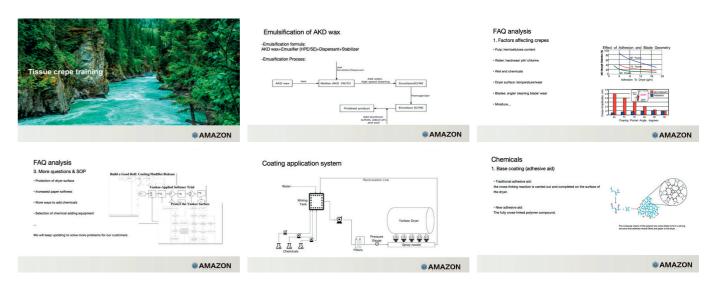






	Industrial Paper	Cultural Paper	Tissue Paper	Specialty Paper
Grammage	✓	✓	✓	✓
Thickness	✓	✓	✓	✓
Tensile Strength	✓	✓	✓	✓
Tear Resistance	✓	✓	✓	
Burst Strength	✓			
Folding Endurance	✓			✓
Cobb Test	✓	✓		
Brightness		✓	✓	✓
LAB Vaule	✓			
Smoothness	✓	✓	✓	
Surface Strength	✓	✓	✓	✓
Oil Resistance				✓
Electrical				✓

APPLICATION TRAINING



TURNKEY PROJECT

- -AKD emulsion production line
- -Wet strength agent production line
- -Dry strength agent production line
- -Cationic rosin sizing agent production line