

# Global Leader in PVC STABILIZER



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KD Chem, founded in 1986, has grown into a leading fine chemicals manufacturer with the aim of achieving a high quality level in PVC stabilizers as well as environmental sustainability.

Presently, KD Chem is a leading market supplier of liquid organic stabilizers for PVC applications. KD Chem was listed on KOSDAQ, a tech-laden stock market, in 2015.

## Environmentally Friendly Manufacturing Technology

We have developed a variety of environmentally friendly stabilizers, taking the lead in advancing environmentally friendly manufacturing technology. Our environmentally friendly stabilizers are competitive in terms of quality when compared with conventional stabilizers.



## Technical Consulting Services

Over the last three decades we have accumulated expertise in PVC stabilizers and PVC processing. We therefore serve as a total solution provider for our customers by identifying and resolving the problems customers might encounter while processing PVC products.



## Quality Certificate

We try our best to maintain customer confidence with our consistent R&D and Quality System.



**KOSDAQ**  
LISTED COMPANY

**We welcome any inquiries on PVC processing. KD Chem can impress you with its expertise.**



## History of KD Chem

- 2017** Acquired ISO 14001 Certification from UKAS
- 2015** Listed on KOSDAQ, a tech-laden stock market
- 2014** Awarded 'Management Award for Small and Medium Business' by Chungcheongbuk Province
- 2013** Designated as 'Small but Strong Global Corporation' by the Small & Medium Business Administration of Korea 2012 Awarded 'Industrial Service Medal' award by the President of Korea
- 2011** Expanded annual capacity of PVC stabilizers to 40,000MTs
- 2008** Firm renamed as KD CHEM Co., Ltd.
- 2006** Established Shandong KDC Chemical Co., Ltd. in Shandong, China
- 2005** Acquired ISO 9001 Certification from UKAS
- 2000** Awarded Certification of Non-toxic for Food Packaging (Ca-Zn type) from JHPA [L-7915]  
Opened Ansan Factory in Gyeonggi Province  
Opened Technical R&D center in Ansan, Gyeonggi Province
- 1994** Opened Boeun Factory in Chungcheongbuk Province
- 1986** Foundation of Korea Daehyup Chemical Co., Ltd.

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#### Cling Film for Food

High Lubricity	LTX-630Q (JHPA M-8388)
High Transparency	LTX-630T (JHPA M-8388)
General Purpose	LTX-630L (JHPA M-8354)
	LTX-630M (JHPA M-8354)

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#### Tarpaulin

General Purpose	LOX-202A
Low Odor	LOX-208H
Good Heat Stability	LX-460

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#### Transparent Hose

Medical Applications	MW-30 (Powder)
General Purpose	MW-47 (Powder)

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#### Synthetic Leather

##### A S-PVC

###### • Top Coating

General Purpose	LOX-202A
Low Odor	LOX-208H

###### • Foam

Low Odor	LOX-311H
	BXP-1055 (Powder)

##### B E-PVC

###### • Top Coating

General Purpose	LOX-800
Low Odor	LOX-037NH
	LTX-9060
	LTX-900L

###### • Foam

General Purpose	LFX-220N
General Purpose, Fast Kicker	LFX-320N
Low Odor, Low VOCs	LFX-900

## Global Leader in PVC STABILIZERS



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#### Cable and Wire

Black Color	KCP-900W (Powder)
Other Colors	KCP-950 (Powder)

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#### Flooring

##### • Top Layer

General Purpose	LOX-386L
High Performance	LOX-203PF
	LOX-900NH
	MW-60-7 (Powder)

##### • Print Layer

High Performance	LOX-900NH + KAX-6000 (Powder)
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##### • Foam Layer

General Purpose	LOX-311H or BXP-1055 (Powder)
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##### • Bottom Layer

General Purpose	LOX-4H
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#### Film / Sheet

High Transparency	LX-400
General Purpose	LX-700
	LOX-386 L-1
	LTX-620N

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#### Wallpaper

General Purpose	LFX-220N
General Purpose, Fast Kicker	LFX-320N
Low Odor, Low VOCs	LFX-900

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#### Deco Film

High Transparency	LOX-7200
Semi Rigid	LOX-6000 + KAX-6000 (Powder)
General Purpose	LOX-4188H + KAX-2330 (Powder)
	LOX-6005H + KAX-2330 (Powder)

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#### Injection Shoes

General Purpose	LX-865
High Heat Stability	LX-700



## General Calendering

General purpose and high performance stabilizers for flexible and semi-rigid applications by calendering, and other processing methods such as extrusion, injection for the production of films/sheets, decoration films, flex-banners, hoses, and many other products. These grades are one pack type stabilizers, with fast gelation speed, excellent stability, lubricity and weatherability.

Composition	Product Name	Grade	Remarks
Cd-Ba-Zn	LX-400	High Performance	One Pack System
	LX-700	General	One Pack System
	LX-835	Economical	One Pack System
Ba-Zn	LOX-7200	High Performance	One Pack System Good Lubrication
	LOX-386S	General	One Pack System
	LOX-386L	General	One Pack System Low Odor, Low VOCs
Ca-Zn	LTX-620N	General	One Pack System



## Tarpaulins, Flex Banners

These stabilizers are appropriate for manufacturing opaque type flexible applications, such as tarpaulins, flexible banners, and waterproof linings for indoor and outdoor. These stabilizers are suitable for high filler formulations as well, with high whiteness property, excellent color retention property and extremely low plate-out.

Composition	Product Name	Grade	Remarks
Cd-Ba-Zn	LX-450	High Performance	One Pack System
	LX-460	High Performance	One Pack System
	LX-700	Economical	One Pack System
Ba-Zn	LOX-202A	General	One Pack System
	LOX-430W	High Performance	One Pack System
	LOX-208H	Economical	One Pack System Low Odor
Ca-Zn Phosphoric Complex	KAX-5011 DPA-800	General	Two Pack System Especially for Formulation with Bonding Agent



## Deco Sheets, High-Glossy Films

These stabilizers can be used for semi-rigid applications, unlike the general purpose stabilizers where the heat stability could be insufficient. These Ba/Zn stabilizers can replace Cd / Ba / Zn types to eliminate Cadmium. Both one pack system and two pack system are available. These stabilizers help to achieve excellent heat stability, high transparency and very good printability. Thus these grades are appropriate for both high glossy transparent layers and also bright colored printing layers.

Composition	Product Name	Grade	Remarks
Ba-Zn	LOX-6000	High Performance	Two Pack System with KAX-6000 (Powder)
	LOX-6900	General	Two Pack System with DBZ-5000 (Powder)
	LOX-7200	High Performance	One Pack System
	LOX-4188H	General	Two Pack System with KAX-2330 (Powder) Low Odor, Low VOCs, Good Lubrication
	LOX-6005H	General	Two Pack System with KAX-2330 (Powder) Low Odor, Low VOCs
Sn	S-703	High Performance	Two Pack System with DL-903R
	DMT-1512	General	Two Pack System with RX-110R



## High Transparent Applications

These stabilizers can be used for production of transparent packaging, bags, and various types of sheets and films. These stabilizers can replace Cd/Ba/Zn types without compromising transparency and heat stability. Also helps to achieve good initial color and dynamic heat stability.

Composition	Product Name	Grade	Remarks
Ba-Zn	LOX-7200	High Performance	One Pack System Excellent Dynamic Stability
	LOX-7500	General	One Pack System
	LOX-386S	Economical	One Pack System

## Kickers for S-PVC

These kickers are used for the calendering-foaming process in manufacturing artificial leathers, floorings(vinyl linoleum), with good lubrication and very low plate-out. These kickers also help to achieve uniformed cell structures, high foaming ratio, and prevent early foaming on the calender. Ca/Zn powder type kickers are suitable at lower temperature processing with improved gelation speed. And also can be used for PVC scrap foaming. Ba/Zn liquid type kickers are mostly used for the manufacturing of floorings, and artificial leathers for bags, upholstery and others.

Composition	Product Name	Grade	Remarks
Ba-Zn	LOX-300C	General	Good Lubrication, Low Plate-out
	LOX-311H	Environmentally Friendly	Low Odor, Low VOCs
	LOX-306-2	for PVC Scraps	Preventing Early Foaming, Good Lubrication
	BXP-1055	General	Preventing Early Foaming, Good Lubrication
Ca-Zn	BXP-1069	General	Preventing Early Foaming, Good Lubrication



## Kickers for E-PVC (Plastisols)

These kickers expedite the decomposition speed of the blowing agent in the formulations of casting leather, wall papers, and foamed play mats for children. These kickers also work as stabilizers, and help to achieve uniformed cell structure, and to maintain the viscosity of the plastisol.

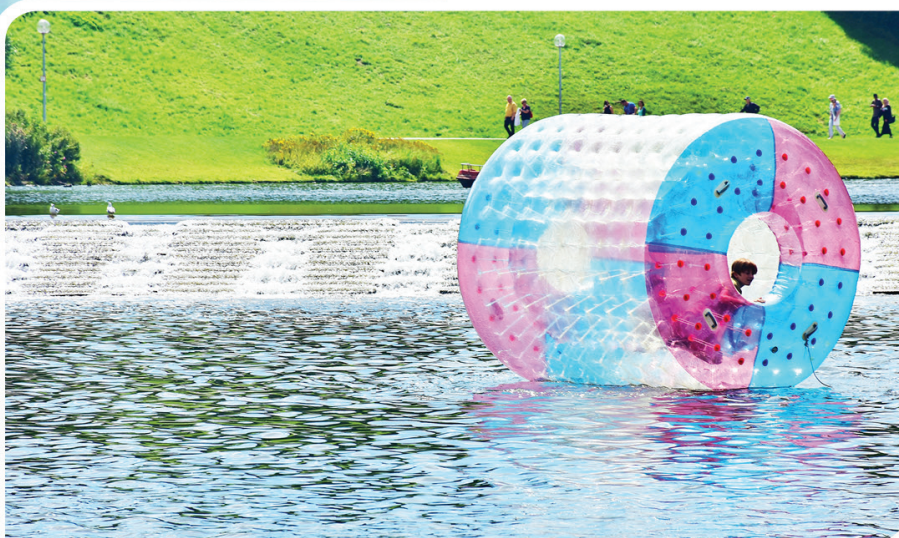
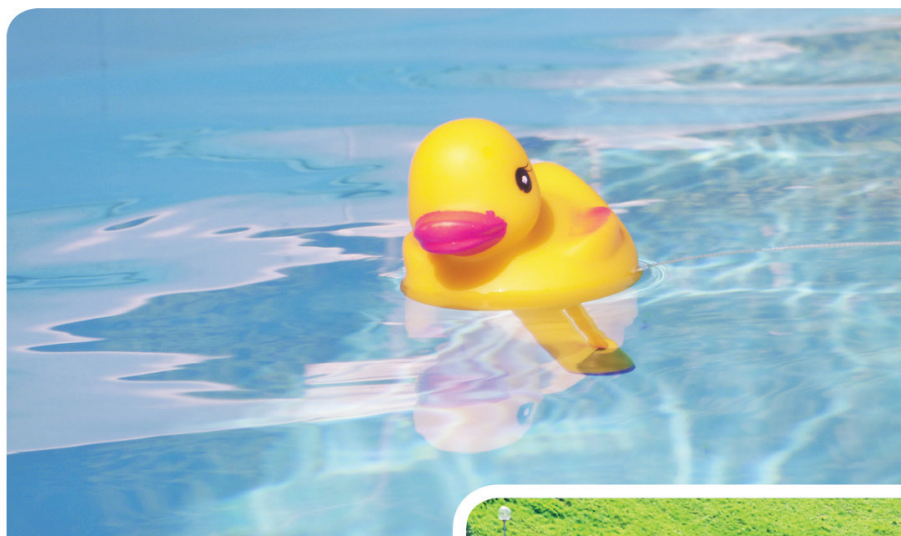
Composition	Product Name	Grade	Remarks
K-Zn	LFX-220N	General	High Foaming Ratio
	LFX-320N	General	High Foaming Ratio Fast Kicker
	LFX-890	Environmentally Friendly	High Foaming Ratio Especially for Play Mats
Na-Zn	LFX-900	General	High Foaming Ratio
	LFX-990	Environmentally Friendly	High Foaming Ratio Especially for Play Mats



# Stabilizers for Plastisol Applications

These stabilizers are used for the plastisols to produce tarpaulins, toys, floorings, gloves and other products using processing methods such as knife coating, slush molding, dipping, and casting. Depending on the emulsifiers of each emulsion PVC resin, the result of the stability and coloration could slightly differ.

Composition	Product Name	Grade	Remarks
Ba-Zn	LOX-800	High Performance	One Pack System
	LOX-037NH	High Performance	One Pack System Low Odor, Low VOCs
Ca-Zn	LTX-241K	General	One Pack System
	LTX-900L	High Performance	One Pack System Low Odor, Low VOCs
	LTX-9060	High Performance	One Pack System Low Odor, Low VOCs





## Food Contact Films (Cling Films)

These stabilizers are certified for food packaging applications by JHPA. Generally, ESO and antifogging agents are used together for the production of PVC wraps. And KD Chem's stabilizers have good compatibility with ESO and antifogging agent, and will not interfere with the antifogging abilities of the final product. With good lubricity, these stabilizers also show very low plate-out.

Composition	Product Name	Grade	Remarks
Ca-Zn	LTX-630L	General	JHPA Approval [M-8354]
	LTX-630M	General	JHPA Approval [M-8354]
	LTX-630Q	High Lubricity	JHPA Approval [M-8388]
	LTX-630T	High Transparency	JHPA Approval [M-8388]



# Wires, Hoses, Medical Tubing

These Ca/Zn type powder stabilizers are for the production of flexible electric wires and hoses. These stabilizers minimize blooming and migration although these are Ca/Zn powder type stabilizers.

Composition	Product Name	Grade	Remarks
Ca-Zn	KCP-900W	Economical	Black Colored Applications
	KCP-950	General	White and Other Colored Applications
	MW-47	High Performance	Transparent Wires / Hoses
	MW-30	High Performance	Transparent Medical Applications





For further information, please go to :  
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