



DuPlast[®]

AN ISO 9001:2015 COMPANY

www.duplast.in

The Options Are Endless,
THE RESULTS SUPERB

CALCIUM ZINC STABILIZERS

PVC PLASTICIZERS

CARBON BLACK

For more details



About Duplast

DUPLAST® is an environmentally sustainable product manufacturing company for the polymer industry. It is a high-technology enterprise that focuses on research, development, production, and sale of **Calcium Zinc stabilizers, PVC plasticizers, and Carbon black.**

DUPLAST® was established in 2005 by a group of technocrats with expertise in different areas related to chemistry and biotechnology. Our main focus to date has been to develop and market various eco-friendly products which are preferably bio-based, with superior performance. Most of our products are cost-effective and replace their toxic and petrochemical-based counterparts. With latest technologies are focus on **import substitution**, which is in synergy with the government policy of **indigenization.**

Technology, Development and Quality Control

The company has set up a technology development center, which is mainly responsible for the development of new products, improving current manufacturing process, process optimization, quality control, and supervision of raw materials, auxiliary materials, and finished products.



Table for products details

CALCIUM ZINC STABILIZERS FOR WIRE AND CABLES				
PRODUCT RANGE	APPEARANCE	SERVICE TEMPERATURE	APPLICATION	BENEFITS
OS SERIES				
BSTAB OS 1042	Powder	135 °C	High temperature PVC Insulation & sheathing compounds of cables and wires.	High temperature ageing Prevents copper blackening
BSTAB OS 1006 PM	Powder	105 °C	PVC Insulation compounds of cables and wires.	For high speed wire and cable production prevents copper blackening
KB SERIES				
BSTAB KB 3400	Slight creamish power	120 °C	105 -120 Degree Cable compound Where ageings and HVDC test is important	India's only performace hydroxide free Calcium Zinc stabilizer
BSTAB KB 3202	White Powder	105 °C	90-105 Degree Insulation PVC cable compounds and other PVC application	Easily replace lead stabilizers 1:1, and help to pass all insulation compound properties.
BSTAB KB 2203	White Powder	90 °C	PVC insulation and sheathing compounds of cables and wires.	Good product at better price can easily replace imported grades.
KB ECONOMIC SERIES				
BSTAB KB 2104	Powder	90 °C	70-90 Degree PVC cable compound with processing and compound stability.	High temperature ageing Prevents copper blackening
BSTAB KB 1114	Powder	70 °C	70 Degree PVC cables compounds with good surfae finish	High temperature ageing Prevents copper blackening
BSTAB KB 1105	Powder	70 °C	General purpose PVC sheathing compounds of cables and wires.	High temperature ageing Prevents copper blackening

Certifications



SMERA RATINGS LIMITED

CALCIUM ZINC STABILIZERS FOR RIGID APPLICATION

PRODUCT RANGE	APPEARANCE	APPLICATION	BENEFITS
BSTAB JK 4120	White Powder	Rigid UPVC Pipes, Conduit pipes and rigid tubes application.	BSTAB JK 4120 imparts excellent thermal stability and processibility. Improves excellent economics and cost performance ratio.
BSTAB VT 5200	White Powder	Foam board, pvc sheet (compact & foamed)	Very good colour, better stability, and an uniform structural foam

25 Kgs net content in polycoated HDPE bag

CALCIUM ZINC STABILIZERS FOR FOOTWEAR APPLICATION

PRODUCT RANGE	APPEARANCE	APPLICATION	BENEFITS
BSTAB CZ 01	White Powder	All type of footwear compounds	Good Initial colour, better longterm stability, supports uniform structural foam

25 Kgs net content in polycoated HDPE bag

BARIUM ZINC STABILIZERS FOR FOOTWEAR APPLICATION

PRODUCT RANGE	APPEARANCE	APPLICATION	BENEFITS
BSTAB BZ 01	White Powder	All type of footwear compounds	Good Initial colour, better longterm stability, supports uniform structural foam

25 Kgs net content in polycoated HDPE bag

PVC PLASTICIZERS

PRODUCT RANGE	APPEARANCE	DOP REPLACEMENT %	VOLATILE LOSS % (130 °C/3HRS)%	HEAT STABILITY (180 °C/2HRS)	DENSITY GMS/CM3	APPLICATION	BENEFITS
BFLEX 79	Clear light Liquid	100	0.01	No change	0.965	All soft PVC application and some rigid PVC applications.	A bio-based plasticizer with good plasticizer performance. When used in contribution with other non-phthalate plasticizers enhances compound and plasticizer.
BFLEX 34	Clear liquid	25-40	0.045	No change	0.972	All soft PVC application and some rigid PVC applications.	When used in combination with primary plasticizer in soft PVC it enhances plasticizers performance.
BFLEX 115	Clear light Liquid	25	0.5	No change	1.06 - 1.09	All soft PVC application and some rigid PVC applications.	When used in combination with a primary plasticizer in soft PVC it enhances plasticizer performance, in rigid PVC performance is better than using DOP.
BFLEX 124	Clear light Liquid	25	0.5	No change	1.14 - 1.17	All soft PVC application and some rigid PVC applications.	When used in combination with a primary plasticizer in soft PVC it enhances plasticizer performance, in rigid PVC performance is better than using DOP.

200 Kgs HDPE drums, tanker load

CARBON BLACK

PRODUCT RANGE	APPEARANCE	PARTICLE SIZE MIRCRO (µm)	HEATING LOSS (MAX) %	DENSITY (g/cc)	APPLICATION	BENEFITS
CB 2200	Very Fine Powder	< 10	0.005	< 0.135	All PVC and other polymer application.	Can be directly used in PVC compound for better z-ness.
CB 5500	Very Fluffy Powder	< 15	0.008	< 0.135	All PVC and other polymer application.	Can be directly used in PVC compound for better z-ness.

CB 2200 is 10 Kgs packed in 3 layered paper bags, then stuffed in PP woven sack bag having HM liner inside.

CB 5500 is 20 Kgs packed in 3 layered paper bags, then stuffed in PP woven sack bag having HM liner inside.

CARBON PASTE

PRODUCT RANGE	APPEARANCE	ROHS / REACH	CARBON CONTENT %	APPLICATION	BENEFITS
PBC 0034	PASTE	YES	50	PVC Wire and cable application.	Good surface finish, z-ness, shinning compound.
PBC 0115	PASTE	NO	50	PVC Wire and cable application.	Good surface finish, z-ness, shinning compound.

CARBON PASTE is 50 Kgs HDPE drums available



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Our Flame-retardant Portfolio



Aluminium Trihydrate

Magnesium Hydroxide

Fire Retardant Synergist
(Antimony Trioxide)

Smoke Suppressant

Zinc Borate

Address and Contact details

Corporate Office

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Factory Address

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