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"Dutch Boy"

CLARITE

*New Clear Heat and Light Stabilizer
for Vinyl Chloride Polymers*



A Product Development of
NATIONAL LEAD COMPANY

"Dutch Boy" is the registered trademark
of the National Lead Company

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"Dutch Boy" **CLARITE**

"DUTCH BOY" CLARITE is a barium-cadmium organic complex especially useful in the stabilization of clear vinyl and vinylidene chloride polymers and copolymers. It is provided in the form of a paste which is easily dispersible and readily adaptable to any of the processing techniques used by the plastics industry. It is compatible with a wide variety of plasticizers and solvents.

Table of Properties

Color and Form	Light buff-colored paste
Specific Gravity	1.18

Heat and Light Stabilizer for Clear Vinyls

1. "DUTCH BOY" CLARITE has been designed especially for clear products, and offers the best combination of clarity and heat and light stability available to the vinyl compounding.

2. The heat stability of "DUTCH BOY" CLARITE is of a high order. It is of special advantage in high temperature calendaring of vinyl film and sheeting, because it is non-yellowing and maintains very good clarity. CLARITE has less lubricating action than is usually associated with barium-cadmium stabilizers. This allows more freedom in compounding vinyl stocks without danger of overlubrication.

3. CLARITE'S unusually high heat stability allows the use of a wide range of plasticizers to impart desired characteristics in the finished plastic product, without the usual limitations imposed on heat stability.

4. "DUTCH BOY" CLARITE is an outstanding light stabilizer, markedly superior to previously developed barium-cadmium stabilizers.

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Use with Plasticizers—CLARITE may be used with a broad range of vinyl plasticizers. These plasticizers include the organic ester types such as phthalates, adipates and sebacates, and the polymeric type. It is particularly recommended for use with the aromatic ester type plasticizers such as the aryl and aryl-alkyl phosphates. CLARITE is excellent in clear compounds designed for good low-temperature flexibility and flame resistance.

Recommendations—"DUTCH BOY" CLARITE is a complete stabilizer which provides clarity and heat and light stability in one compound. CLARITE is recommended for all types of flexible vinyl chloride compounds including molded, extruded and calendered products. Approximately 3% of CLARITE, based on the weight of the resin, is suggested for general usage.

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