



Mayzo Makes It Possible

BNX[®] 1249

Antioxidant and Process Stabilizer for Plastics, Elastomers, & Adhesives

Overview

BNX 1249 is a multifunctional stabilization system for plastics, elastomers, and adhesives. It is particularly effective under demanding processing conditions (high temperature, high shear) and under both aerobic and anaerobic conditions.

Chemistry

Chemical Names:	Proprietary
CAS Numbers:	Proprietary
Chemical Structure:	Proprietary

Typical Properties

Product Form:	Solid
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Applications

BNX 1249 is a highly effective antioxidant and processing stabilizer for polyolefins (polyethylene, polypropylene), polystyrene, impact modified polystyrene, and styrene-butadiene copolymers, and particularly in applications subject to high temperature and/or high shear processing operations such as film extrusion. The product is also suitable for the stabilization of adhesives, particularly those derived from styrene-butadiene copolymers and produced in extrusion processes.

Advantages

- Highly effective to prevent degradation and gel formation during polymer processing operations, especially under anaerobic conditions
- Also provides protection against oxidative degradation during processing and long term heat aging
- Non-discoloring and low volatility

Guidelines for Use

Typical recommended loading levels range between about 0.1 and 1% by weight, depending upon the substrate, processing conditions, end use, and other performance requirements. BNX 1249 may be used in combination with other additives, including ultraviolet absorbers, hindered amine light stabilizers (HALS), benzoate light stabilizers, and antioxidants (primary and/or secondary types). The exact formulation to be used is dependent on the substrate, performance requirements, and other factors, and should be determined by the user based on testing to simulate actual conditions of use.

Storage

This product may be stored up to two years in a sealed container. Containers should be kept tightly closed and stored in a cool, dry place. Keep containers sealed when not in use.

Safety

Please read and understand the Safety Data Sheet (SDS) prior to handling or using this product.

FDA Regulations

Please contact your Mayzo representative for information on the FDA status of this product.

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