

QDO[®] Vulcanizing Agent

Description

LORD Quinone Dioxime (QDO[®]) agent is a non-sulfur vulcanizing agent for synthetic elastomers. It is used extensively for rapid curing of butyl stocks requiring heat resistance. Elastomers of this type are used to fabricate high voltage wire/cable products; molded electrical components; and heat-resistant seals and hose.

QDO agent is also used as part of the curative system for liquid butyl elastomers. These compounds are formulated as coatings, sealants and electrical encapsulants.

Features and Benefits

Heat Resistant – improves heat and electrical resistance of butyl stocks.

Versatile – activated with red lead, benzothiazyl disulfide (MBTS), or peroxides; available in elastomer compatible dispersions.

Shelf Life/Storage

Shelf life is two years from date of shipment when stored in a cool, dry environment at 10-32°C (50-90°F) in original, unopened container.

Cautionary Information

Before using this or any LORD product, refer to the Safety Data Sheet (SDS) and label for safe use and handling instructions.

For industrial/commercial use only. Must be applied by trained personnel only. Not to be used in household applications. Not for consumer use.

Typical Properties*

Appearance	Dark Gray to Tan Solid
Specific Gravity	1.4
Solids Content by Weight, %	99 min
Quinone Dioxime Content, % Weight	90-100
Flash Point	Flammable Solid
Particle Size, % Weight Greater than 44 micron	2 max
Acetone Insolubles, % Weight	5 max
Decomposition Temperature, °C (°F)	223 (433) min

*Data is typical and not to be used for specification purposes.

LORD TECHNICAL DATA

Values stated in this technical data sheet represent typical values as not all tests are run on each lot of material produced. For formalized product specifications for specific product end uses, contact the Customer Support Center.

Information provided herein is based upon tests believed to be reliable. In as much as LORD Corporation has no control over the manner in which others may use this information, it does not guarantee the results to be obtained. In addition, LORD Corporation does not guarantee the performance of the product or the results obtained from the use of the product or this information where the product has been repackaged by any third party, including but not limited to any product end-user. Nor does the company make any express or implied warranty of merchantability or fitness for a particular purpose concerning the effects or results of such use.

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LORD provides valuable expertise in adhesives and coatings, vibration and motion control, and magnetically responsive technologies. Our people work in collaboration with our customers to help them increase the value of their products. Innovative and responsive in an ever-changing marketplace, we are focused on providing solutions for our customers worldwide ... Ask Us How.

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