

LORD® LokRelease™ 200 Aqueous Mold Release

Technical Data Sheet

LORD® LokRelease™ 200 aqueous mold release is designed for use with molded elastomers, including EPDM, natural rubber, nitrile and neoprene. This water-based mold release provides a nontransferable and non-interfering anti-stick coating for fast, easy part removal from molds.

Features and Benefits:

Process Enhancer – provides quick, easy part release; produces low build-up, allowing more production time between mold cleanings; improves molding efficiency in many processes including injection, compression and transfer molding.

	Pure Elastomer	Elastomer-to-Metal
Injection	•	•
Compression	•	•
Transfer	•	•

Improved Appearance – reduces defects caused by sticking; nontransferable, eliminating post-finishing problems.

Environmentally Recommended – water-based coating is engineered to prevent rust and corrosion in steel molds.

Application:

Surface Preparation – Remove mold release residue and other contaminants from surface of the mold prior to application.

Applying – LORD LokRelease 200 aqueous mold release must be applied to mold with surface temperature above 212°F (100°C). Apply mold release using a fine mist spray. Apply three light coats on hot mold surface, allowing 5 minutes between each coating.

Drying/Curing – Cure mold release coatings for 5 minutes on molds above 212°F (100°C).

If spot sticking occurs after molding, mold release coating can be “touched-up” by spraying LORD LokRelease 200 aqueous mold release directly on the sticking area and allowing time to cure.

Cleanup – If necessary, mold release coating can be removed from mold surface by gentle-abrasive (plastic) bead blasting.

Shelf Life/Storage:

Shelf life is one year from date of manufacture when stored at room temperature [$<80^{\circ}\text{F}$ ($<27^{\circ}\text{C}$)] in original, unopened container. Do not freeze product. Keep container closed when not in use.

Typical Properties*	
Appearance	Colorless to White Liquid
Density lb/gal (g/cm ³)	8.34 (1)
Dispersing Medium	Water

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

Cautionary Information:

Before using this or any Parker 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.

Values stated in this document 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 Parker Lord has no control over the manner in which others may use this information, it does not guarantee the results to be obtained. In addition, Parker Lord 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.

WARNING — USER RESPONSIBILITY: FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

This document and other information from Parker-Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.

The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.

To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.

©2024 Parker Hannifin - All Rights Reserved

Information and specifications subject to change without notice and without liability therefor. Trademarks used herein are the property of their respective owners.

OD DS4247E 03/24 Rev.1



Parker Lord
Engineered Materials Group

111 LORD Drive
Cary, NC 27511-7923
USA

www.Parker.com/EPM