

Turboset™ 2027 Polyurethane Dispersion

Waterborne Polyurethane Composite Dispersion

Turboset™ 2027 is a self-crosslinking polyurethane composite dispersion engineered for residential and commercial floor finishes, DIY and other applications. Turboset 2027 was developed to have excellent chemical resistance and wear properties for residential and commercial wood floor applications. Turboset 2027 is supplied as a solvent-free polymer. Cosolvents such as butyl Carbitol or DPnB are necessary for good film formation. Formulations are possible at or below 275 grams/liter VOC without plasticizers.

FEATURES AND BENEFITS

- Abrasion Resistance
- Chemical Resistance
- Dirt Pick-Up Resistance
- Durable
- Film Clarity
- Glossy
- Scratch Resistance
- Self-Crosslinking
- Stain Resistance
- Water Resistance

CHARACTERISTICS

Characteristic Name	Value
% Weight Solids	38.0-42.0
Appearance	Light Translucent
Brookfield Viscosity (cps)	500 max
Elongation (%)	300
Freeze/Thaw Stability	Protect from freezing
Latex Weight (lbs/gal)	8.9
MFFT (°C)	22.5
Tensile (psi or Mpa)	3350
VOC (g/L)	32
pH Value	8.2-9.2

REGULATORY

- NMP-Free¹

¹Not intentionally added to the composition of this product

APPLICATIONS

- Building & Construction Coatings

AVAILABLE REGIONS

- Asia Pacific
- EMEA
- Latin America
- North America

RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 365 days. See SDS for storage conditions and handling instructions.

REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at www.lubrizol.com/coatings.

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

America: AmerLZAMCustomerAssistance@Lubrizol.com | Europe: EMEAICustomerAssistance@Lubrizol.com |

Asia: APCustomerAssistance@Lubrizol.com | Brazil: BrazilQualityLZAM@Lubrizol.com

DISCLOSURE

The information contained herein is believed to be reliable, but no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained. The information is based on laboratory work with small-scale equipment and does not necessarily indicate end product performance. Because of the variations in methods, conditions and equipment used commercially in processing these materials, no warranties or guarantees are made as to the suitability of the products for the applications disclosed. Full-scale testing and end product performance are the responsibility of the user. Lubrizol Advanced Materials, Inc. shall not be liable for and the customer assumes all risk and liability of any use or handling of any material beyond Lubrizol Advanced Materials, Inc.'s direct control. The SELLER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner. Product safety information required for

safe use is not included. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE FROM YOUR LUBRIZOL REPRESENTATIVE, OR DISTRIBUTOR.

Trademarks owned by The Lubrizol Corporation or its affiliates. © The Lubrizol Corporation 2020, All Rights Reserved.

