



Lubrizol

LUBRIZOL ADVANCED MATERIALS, INC.
9911 BRECKSVILLE ROAD
BRECKSVILLE, OH 44141
USA

CERTIFICATE OF ANALYSIS

Customer PO No

Ship Date

Page

0557ot

JUN 17, 2023

1 / 1

Ship To PO No

Delivery No.

Sales Order No

40335356

20248237

Material: CARBOPOL® ULTREZ 10 POLYMER, BOX
Batch: 0000095075
Quantity: 75 CAR
Country of Origin: US

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Trans Equipment ID TA130611

Comp./Seal No. 3018226

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Product Specifications

Characteristics

| | UoM | Minimum | Typical | Maximum | Result |
|--------------------------------------|-----|---------|---------|---------|-------------------------|
| BROOKFIELD VIS, 0.5% MUCILAGE @ 25 C | cP | 45000 | | 65000 | 52600 |
| CLARITY, % TRANSMITTANCE | % | 88 | | 100 | 96 |
| ETHYL ACETATE | % | | | 0,45 | 0,21 |
| CYCLOHEXANE | % | | | 0,45 | 0,03 |
| TOTAL RESIDUAL SOLVENT | % | | | 0,45 | 0,24 |
| WETTING TIME (MINUTES) | min | | | 8 | 4 |
| LOSS ON DRYING | % | | | 2,0 | Not Inspected |
| HM AS (PB,AS,HG,SB) 10 PPM MAX | | | | | Pass |
| MANUFACTURING DATE | | | | | MAY 10, 2023 |
| RECOMMENDED RETEST DATE | | | | | MAY 10, 2024 |
| MANUFACTURING LOCATION | | | | | CALVERT CITY, KY, US |

Where actual values for Loss on Drying (Once/10 lots) and Heavy Metals (Once/200 lots) are not given, Lubrizol Advanced Materials, Inc. certifies that each batch/lot meets requirements for the characteristics based on historical process and product data. Because these characteristics are tested on a skip-lot test frequency as indicated on the product specification, results are not reported on the Certificate of Analysis.

We guarantee that the above analytical results are in conformity with the agreed upon specifications.

Approved by: Quality Assurance