

Certificate of Analysis

Date of Testing: 2024-01-20 14:58:00
Date of Next Testing: 2027-01-19 14:58:00
Product Name: **D.E.N.™ 438 Epoxy Novolac Resin**
CAS Number: 28064-14-4
Specifications & Purity: Epoxy equivalent: 176-181g/eq, viscosity (51.7 °C): 31000-40000 cps
Lot #: A2416625
SKU #: **P477976**
Version: **4**
Analysis #: **312242**

| Parameter | Limit Values | Result |
|-------------------------|---------------------------|---------------------------|
| Viscosity(51.7°C) | 31000-40000 (cps) | 38402.00000 cP |
| Epoxy Equivalent Weight | 176-181 (g/Eq) | 180.30 g/Eq |
| Hydrolysable Chlorine | 0-1200 (ppm) | 395.00000 ppm |
| epichlorohydrin | 0-5 (ppm) | 1.25000 ppm |
| Volatiles | 0-0.3 (%) | 0.03 % |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Appearance(P477976) | Colorless Solid or Liquid | colorless solid or liquid |



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QA & QC Manager