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Product Specification

Product Name:

Silver, dispersion - nanoparticle, 30-35 wt. % in triethylene glycol monoethyl ether, spec. resistivity 11 $\mu\Omega$ -cm, for printing on plastic films

Product Number:

736465

Ag

Formula:

Ag

Formula Weight:

107.87 g/mol

Storage Temperature:

2 - 8 °C

| TEST | Specification |
|------|---------------|
|------|---------------|

Appearance (Color)

Grey

Appearance (Form)

Suspension

ICP Major Analysis

Confirmed

Confirms Silver Component

Proton NMR spectrum

Conforms to Structure

Solid Content

30 - 35 %

Viscosity

Confirmed

Approximately 10-18 cp

Surface Tension (dyn/cm)

35 - 40

Approximately

Assay

Confirmed

Curing Condition: 120~ 150 Deg C/ 30~ 60 min

Recommended Retest Period

9 month

Specification: PRD.4.ZQ5.10000023782

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

