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Product Specification

Product Name:

Silver, dispersion – nanoparticle, 30–35 wt. % in triethylene glycol monomethyl 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.2.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.