

3M Novec™ 2704 Electronic Grade Coating

Category : Polymer

Material Notes:

3M™ Novec™ 2704 Electronic Grade Coating is designed for the protection of printed circuit boards and electronic components. It is a clear, low viscosity solution of a 4 wt% fluoropolymer carried in a hydrofluoroether solvent. It is UV detectable. Features and Benefits: Easy application and processing – dries in seconds without the need for thermal post-curing Requires little or no masking Allows solder-through repairability and is easily removed for rework & repair Contains a low level of volatile organic compounds (VOCs) and has low global warming potential Is thermally and electrically stable with excellent dielectric properties Provides excellent repellency, anti-wetting and anti-sticking properties against liquids, water, hydrocarbons, silicones, and photoresists Contains a UV fluorescent dye incorporated into the polymer for improved QC inspection Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Novec-2704-Electronic-Grade-Coating.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|---------------------------|---------------|
| Density | 1.41 g/cc | 0.0509 lb/in ³ | |
| Solids Content | 4.0 % | 4.0 % | fluoropolymer |

| Thermal Properties | Metric | English | Comments |
|---------------------------|---------|---------|------------|
| Boiling Point | 78.0 °C | 172 °F | of Solvent |
| Glass Transition Temp, Tg | 46.8 °C | 116 °F | |

| Optical Properties | Metric | English | Comments |
|--------------------|--------|---------|----------|
| Refractive Index | 1.3778 | 1.3778 | |

| Processing Properties | Metric | English | Comments |
|-----------------------|------------|------------|----------------------------------|
| Shelf Life | 12.0 Month | 12.0 Month | in the original unopened package |

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