

CDP 3604

NON-DRYING DIELECTRIC GEL

GENERAL DESCRIPTION

CDP 3604 is a one-component, hydrophobic, non-drying (non-hardening) gel. It is water-clear and semi-thixotropic. This material is designed to protect electronic connections from moisture and oxidation. **CDP 3604** possesses excellent moisture resistance and dielectric properties. The product is ideal for insulation of telecommunication splices and connections.

KEY FEATURES

No mix ratio
Very Good Clarity
Non-Drying, Semi-Thixotropic Gel

Very Good Extrudability
Very Good Bleed Resistance
Excellent Moisture Resistance

COMPONENT PROPERTIES

PROPERTY	CDP 3604
Shelf Life, from Date of Manufacturing (DOM)	12 months
Density (lb/gal)	7.1
Viscosity (cps) @ 70° F	Spindle #7, 2 rpm: 360,000-560,000 Spindle #7, 20 rpm: 70,000-130,000
Color	Clear

HANDLING PROPERTIES

PROPERTY	CDP 3604
Color	Clear
Viscosity	Thixotropic Gel
Thixotropic index (2 rpm/20 rpm)	4 - 6
Moisture Absorption*	20 ppm
Dielectric Constant*	2 @ 1 MHz
Dielectric Strength*	
V/m	15-20 x 10 ⁶
kV/mm	15 - 20
V/mil	381 - 508
Operating Temperature °C (°F)	-60°C (-76°F) - +100°C (212°F)

* Values are typical performance values. The responsibility for determining the overall compliance with the intended application is with the purchaser.

READ AND UNDERSTAND MATERIAL SAFETY DATA SHEET (MSDS) PRIOR TO USING THIS PRODUCT.

Notice to User:

The following is made in lieu of all warranties, expressed or implied. Sellers and manufacturers only obligation shall be to replace such quantity of product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risks and liability whatsoever in connection therewith. The foregoing may not be altered except by an agreement signed by officers/owners of G.S. Polymers, Inc.

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