



D-Gel – Solvent for Hydrophobic Filler (Hydrophobin) Removal from Fiber Optic Cores

Product description:

MENDELEEV research and production company has developed and put into production Turbo-Reactive Solvent grade D, an equivalent (substitute) of imported D-gel. It is designed to degrease optic parts and remove hydrophobic filler (hydrophobin) from fiber optic cores in the course of assembly.

- Low volatility allows to minimize solvent consumption during degreasing operations or hydrophobin removal;
- Safe for PVC plastics and optical fiber;
- Excellent detergent properties in relation to oils, fats, soot and smut;
- Efficiently removes silicone hydrophobized fillers during fiber optic cable stripping;
- Does not conduct electrical current (dielectric);
- Flashpoint is above 60°C, not a HIL;
- Does not cause corrosion of metal surfaces (ferrous and non-ferrous metals) and contains no aggressive components;
- Does not contain chlorinated hydrocarbons that destruct the ozone layer;
- Has water displacing properties and is suitable for wet surface cleaning.

Physical and chemical properties and characteristics of mixed organic solvent

No.	Designation	Standard for Turbo-Reactive Solvent grade B
1	Appearance and color	Clear, colorless liquid without mechanical inclusions
2	Density at 20°C, g/cu cm, within	0,80 – 0,81
3	Fractional composition: IBP, °C, minimum 90% are distilled at a temperature, °C, up to residuals in a bottle, %, minimum	177 212 1,0
4	Odor	Specific orange
5	Water solubility	Almost insoluble, provides whitish emulsion with water
6	Hydrogen ion concentration in water extract, pH	Neutral
7	Volatility according to butyl acetate (butyl acetate = 100)	less than 10
8	Flashpoint in a closed cup, °C	62
9	Weight percentage of volatiles, %, minimum	99

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- D Gel liquid for optic fiber
- D'gel
- D-gel
- D-gel
- Dgel
- FO
- HYDRASOL
- TR
- hydrophobized fillers
- hydrophobic fillers
- D-gel
- Dgel
- Liquid for hydrophobe removal
- Cable gels
- cleaning and maintenance of fiber optic cables



ООО «Менделеев»

Разработка и производство реставрационных и лакокрасочных материалов

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Сайт: www.dmendelev.com

- optic cleaning
- optic connectors cleaning
- with orange fragrance
- optic washing
- cloths for hydrophobe removal
- hydrophobe removers
- hydrophobin destructors