

| Medium                     | Approximate Dielectric Constant |
|----------------------------|---------------------------------|
| Acetal                     | 3.6                             |
| Acetoaldehyde              | 22.2                            |
| Acetoanilide, granules     | 2.8                             |
| Acetone                    | 21                              |
| Acetyl methyl hexyl ketone | 28                              |
| Acrylic resin              | 2.7... 6                        |
| Alcohol                    | 16... 31                        |
| Alumina porcelain          | 8... 11                         |
| Aluminium carbonate        | 5.6                             |
| Aluminium chlorate         | 5.1                             |
| Aluminium ether            | 3.1                             |
| Aluminium, powder          | 1.6... 1.8                      |
| Aniline                    | 7.8                             |
| Asbestos                   | 3... 3.5                        |
| Ash (fly ash)              | 1.9... 2.6                      |
| Bakelite                   | 4.5... 5.5                      |
| Barley, powder             | 3.4... 4.0                      |
| Benzene                    | 2.3                             |
| Bleaching powder           | 1.8... 2.0                      |
| Carbite, powder            | 5.8... 7.0                      |
| Carbon dioxide             | 1.6                             |
| Calcium carbonate          | 1.8... 2.0                      |
| Cellophane                 | 7... 7.7                        |
| Celluloid                  | 4.1                             |
| Cellulose                  | 6.7                             |
| Chlorine                   | 2.1                             |
| Clay, powder               | 1.8... 2.8                      |
| Coal                       | 1.2... 1.8                      |
| Coffee, powder             | 2.4... 2.6                      |
| Coke, powder               | 1.1... 2.2                      |
| Colophonium                | 2.5... 2.6                      |
| Corn                       | 2.3... 2.6                      |
| Dolomite                   | 8.8                             |
| Epoxy resin                | 2.5... 6                        |
| Ethyl alcohol              | 23                              |
| Ethylene glycol            | 37                              |
| Ethyl toluene              | 2.2                             |
| Ferric oleate 2.6          |                                 |
| Ferric oxide               | 1.4... 1.8                      |
| Fluorine resin             | 2... 8                          |
| Formalin                   | 23                              |
| Formic acid                | 59                              |
| Freon                      | 2.2                             |
| Glass-epoxy plate          | 4.5... 5.2                      |
| Glass raw material         | 2.0... 2.5                      |
| Glass-silicon plate        | 3.5... 4.2                      |
| Glycerine                  | 47                              |
| Glycol                     | 36                              |
| Manganese dioxide          | 5.0... 5.2                      |
| Margarine, liquid          | 2.8... 3.2                      |

| Medium                | Approximate Dielectric Constant |
|-----------------------|---------------------------------|
| Melamine resin        | 4.7... 10.2                     |
| Methanol              | 33                              |
| Methyl acetate        | 7.3                             |
| Methyl salicylate     | 9                               |
| Mica                  | 4.5... 7.5                      |
| Napthalene            | 2.3... 2.5                      |
| Neoprene              | 6... 9                          |
| Nylon                 | 4... 5                          |
| Oleic acid            | 2.5                             |
| Oil, mineral          | 2.2... 2.4                      |
| Oils, petroleum       | 1.8... 2.2                      |
| Oils, vegetable       | 2.5... 3.5                      |
| Olefin                | 3.2                             |
| Paraffin              | 1.9... 2.5                      |
| Phenolic resin        | 4... 12                         |
| Plaster               | 2.5... 6.0                      |
| Polyacetal resin      | 2.6... 3.7                      |
| Polyamide resin       | 2.5... 2.6                      |
| Polycarbonate resin   | 2.9... 3                        |
| Polyester resin       | 2.8... 4.5                      |
| Polyethylene resin    | 2.2... 2.6                      |
| Polystyrene resin     | 2.2... 2.6                      |
| Rubber, vulcanized    | 2.0... 3.5                      |
| Rubber, raw           | 2.1... 2.7                      |
| Sand                  | 3... 5                          |
| Sesame, powder        | 1.8... 2.0                      |
| Silica sand           | 2.5... 3.5                      |
| Silicon resin         | 3.5... 5                        |
| Silicon varnish       | 2.8... 3.3                      |
| Silicon               | 2.4                             |
| Silicon tetrachloride | 2.4                             |
| Silk                  | 1.3... 2.0                      |
| Slate                 | 7                               |
| Soap, powder          | 1.2... 1.5                      |
| Sodium carbonate      | 5.3... 8.4                      |
| Sodium nitrate        | 5.2                             |
| Soybean               | 1.8... 2.0                      |
| Steatite              | 5.3... 6.8                      |
| Styrol resin          | 2.4                             |
| Sugar                 | 3                               |
| Sulfur monoxide       | 4.8                             |
| Sulfur, powder        | 1.5... 1.8                      |
| Teflon                | 2                               |
| Trichloethylene       | 3.4                             |
| Urea                  | 3.5                             |
| Urethane              | 6.5... 7.1                      |
| Water, 20C            | 80                              |
| Water, 100C           | 48                              |
| Wheat, powder         | 2.5... 3                        |