

Organic compounds

| Test medium | Chemical formula | Concentration % | temperature °C | pressure (bar) | carbon graphite, not impregnated | graphite, not impregnated | carbon graphite, resin impregnated | graphite, resin impregnated | resin bonded carbon | carbon graphite and graphite, antimony impregnated | carbon graphite and graphite, lead impregnated | carbon graphite and graphite, copper impregnated |
|---|--|-----------------|----------------|----------------|----------------------------------|---------------------------|------------------------------------|-----------------------------|---------------------|--|--|--|
| 1. Hydrocarbons | | | | | | | | | | | | |
| Gasoline-benzene | - | 1:1 | 95 | - | + | + | + | + | + | + | + | + |
| Cyclohexane, pure | (CH ₂) ₆ | - | 80,8 | - | + | + | + | + | + | + | + | + |
| Fuel oil (light) DIN 51603, colored 10% of preservation oil V-9447, Shell | - | 100 | 20 | - | + | + | + | + | + | + | + | + |
| Fuel oil (light) DIN 51603, colored 10% of preservation oil V-9447, Shell | - | 100 | 80 | - | + | + | + | + | + | + | + | + |
| Fuel oil (med.heavy), 20°E/20°C | - | 100 | 120-125 | - | + | + | + | + | + | + | + | + |
| Fuel oil (heavy), 78°E/20°C | - | 100 | 120-125 | - | + | + | + | + | + | + | + | + |
| Mineral oil, technical, appr.150cP | - | 100 | 20 | - | + | + | + | + | + | + | + | + |
| Terphenyl, technical | (C ₆ H ₅) ₂ C ₆ H ₄ | 95,9 | 300 | - | + | + | - | - | - | + | - | + |
| Toluene-xylene | C ₆ H ₅ CH ₃ - C ₆ H ₄ (CH ₃) ₂ | 1:1 | 115 | - | + | + | + | + | + | + | + | + |
| + resistant o partially resistant - not resistant | | | | | | | | | | | | |