

Typical Product Specifications & Properties

Triethylene Glycol Reagent Grade

CAS Number: : 112-27-6

| Specifications | Limits |
|--------------------------------|------------------|
| Surface Tension | 45.2 dynescm |
| Viscosity | 49 cp |
| Auto/Self Ignition Temperature | temp.371 c |
| Sparingly Soluble | in diethyl ether |
| Acidity as Acetic Acid | 0.005% max. |
| Assay | 99.0% min. |
| Color (APHA) | 25 max. |
| Distillation Range | 278-300C |
| Ash | 0.005% max. |
| Water | 0.1% max. |
| Vapor Pressure | 1 mm hg (114 c) |
| Odor | odorless |

| Specifications | Limits |
|------------------|---|
| Refractive Index | 1.4550 |
| Molecular weight | 150.17 |
| Color | colorless clear liquid |
| Flash Point | (pmcc) 166 c |
| Specific gravity | 1.12 (20 c) |
| Solubility | water, ethanol, toluene, benzene, oxygenated solvs. |
| Boiling Point | 278 c |