

## DESCRIPTION

Ethylene based Heat transfer fluid. Provides effective and long term protection against freezing, boiling and corrosion. Etycool is compatible with most other Ethylene based products on the market, exclusive use of Etycool is however recommended for optimal quality.

## APPLICATION

Secondary refrigerant, sample applications include solar panels, industrial cooling systems, ice rinks.

| Dilution vol% | Freezing point |
|---------------|----------------|
| 39            | -25            |
| 44            | -30            |
| 48            | -35            |
| 52            | -40            |
| 56            | -45            |
| 60            | -50            |
| 63            | -55            |

| PROPERTY                    | ETYCOOL         | METHOD     |
|-----------------------------|-----------------|------------|
| Free water                  | 3,20%           | ASTM D1123 |
| Density                     | 1,11            | ASTM D1122 |
| Boilingpoint                | 175C            | ASTM D1120 |
| PH 33%                      | 8,54            | ASTM D1287 |
| PH 50%                      | 8,64            | ASTM D1287 |
| Reserve Alkalinity          | 4               | ASTM D1121 |
| Inhibitor stability         | No flocculation | ASTM D4340 |
| Long term stability         | No Changes      | ASTM D4340 |
| Al. Heat rejecting surfaces | 0 mg/cm2/week   | ASTM D4340 |
| Foaming                     | 0ml             | ASTM D1881 |

| ASTM D1884 | Weight loss mg/coupon |
|------------|-----------------------|
| Copper     | 0,9                   |
| Solder     | 1,7                   |
| Brass      | 1,9                   |
| Steel      | 1,5                   |
| Iron       | 0,6                   |
| Aluminum   | 1,3                   |