

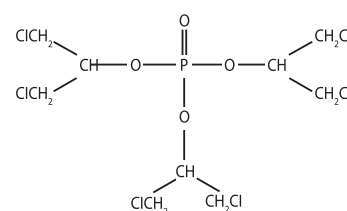
Fyrol - 38™



www.iclfr.com

Flame Retardants

Chemical name: Tris (1,3-dichloroisopropyl) phosphate
Formula: C₉H₁₅O₄Cl₃P
CAS Number: 13674-87-8



General & Use:

Fyrol® 38 is a “scorch” stabilized version of Fyrol® FR-2 designed to reduce the propensity of discoloration caused by the high exotherm following the processing of flexible polyurethane foams. Fyrol® 38 is an additive flame retardant commercially used in flexible and rigid polyurethane foams. This product may be used in combination with inorganic fillers, melamine, and additives to enhance the inhibition of flammability. Such properties as hydrolytic stability, low volatility and stability to ultraviolet light are added features of Fyrol® 38.

Fyrol® 38 is suitable for flexible polyurethane applications; the use of this flame retardant can easily achieve the California TB117 and automotive FMVSS302 flammability tests. It has low fogging properties that meet the DIN75201 test for automotive foams. It also can be used in epoxy resins, phenolics and unsaturated polyester resins.

For health & safety matters please refer to MSDS.

Typical Properties:

| | |
|----------------------------------|--------------------------|
| Physical appearance | CLEAR TRANSPARENT LIQUID |
| Phosphorus content wt. % | 7.1 |
| Chlorine content wt. % | 49.0 |
| Specific gravity 25°C/25°C | 1.5 |
| Density @ 25°C lbs/gal | 12.7 |
| Density @ 25°C kg/m ³ | 1520 |
| Viscosity @ 25°C mPa.s | 1800 |
| Acidity mg KOH/g | 0.1 max |
| Water content wt. % | <0.1 |
| Color APHA | <100 |

Packaging:

Available in bulk tank trucks, isocontainers, 3,000 lb totes, and 690 lb drums.

Thermogravimetric Analysis (10° C/min N₂):

| Weight Loss, (%) | °C |
|------------------|-----|
| 2 | 206 |
| 5 | 225 |
| 10 | 240 |

For more information Please Contact Us.

Visit our Website: www.icl-ip.com

For more information about our products and to place an order, please contact one of our regional sales offices.

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