

**Chemical name:** Brominated Epoxy Polymer

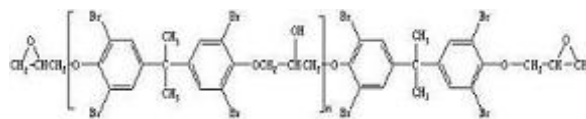
**Formula:**



**CAS Number:** 68928-70-1

**%Br:** 52.0

**MW:** 20000



### General & Use:

F-2100 is a polymeric brominated epoxy flame retardant additive recommended for use in PBT and PC alloys.

**For health & safety matters please refer to MSDS**

### Typical Properties:

|                             |                           |
|-----------------------------|---------------------------|
| Appearance                  | WHITE TO OFF-WHITE POWDER |
| Bromine Content %           | 52                        |
| Specific Gravity            | 1.8                       |
| Molecular Weight            | 20000                     |
| Softening Range °C          | 180 - 205                 |
| Color APHA Dioxane 10% Soln | 100                       |

### Thermogravimetric Analysis (10°C / min, air)

| Weight Loss (%) | °C  |
|-----------------|-----|
| 1               | 332 |
| 5               | 339 |
| 10              | 353 |

### Solubility

| Solvent | Soluble | Insoluble |
|---------|---------|-----------|
| DMF     | X       | ----      |
| Dioxane | X       | ----      |
| Alcohol | ----    | X         |
| MEK     | ----    | X         |
| MIBK    | ----    | X         |
| Xylene  | ----    | X         |
| Water   | ----    | X         |

Please note that the values indicated do not constitute specification limits. To obtain current specifications, refer to your local Sales Office/Representative or ICL-IP Head Office at address herein.

### Storage and Handling:

F-2100 is stable under normal conditions. Avoid inhalation, ingestion and contact with skin and eyes. Store in cool, dry locations.

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