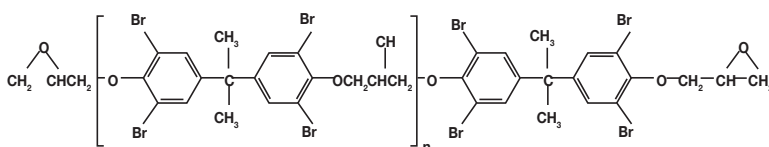


# F - 2400H

## Flame Retardants®

**Chemical name:** Brominated Epoxy Polymer  
**Formula:**  $C_3H_5O(C_{18}H_{16}O_3Br)_n C_{18}H_{15}Br_4O_2$   
**CAS Number:** 68928-70-1  
**%Br:** 52.0 - 54.0  
**MW:** 58,000 - 68,000



### General & Use:

F-2400H is a high molecular weight brominated polymeric flame retardant recommended for use in a broad range of thermoplastics, such as PBT, PET, polyamides (nylon 6 and 66), thermoplastic polyurethanes, alloys (e.g. PC/ABS) and styrenics (ABS, HIPS).

The high molecular weight of F-2400H and its chemical structure offer the following advantages:

- High thermal stability and thermal ageing
- Excellent processability
- Non-blooming
- High UV stability

Its high molecular weight and its convenient softening range (tg =150°C), make F-2400H a carrier of choice for various flame retardant masterbatches.

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

### Typical Properties:

Appearance	Light Straw Granules
Bromine Content %	53
Specific Gravity	1.8
Molecular Weight	58,000-68,000
Softening Range Tg °C	145 - 155
Color APHA Dioxane 10% Soln	100

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

Weight Loss(%)	°C
2	345
5	352
10	357

### Solubility:

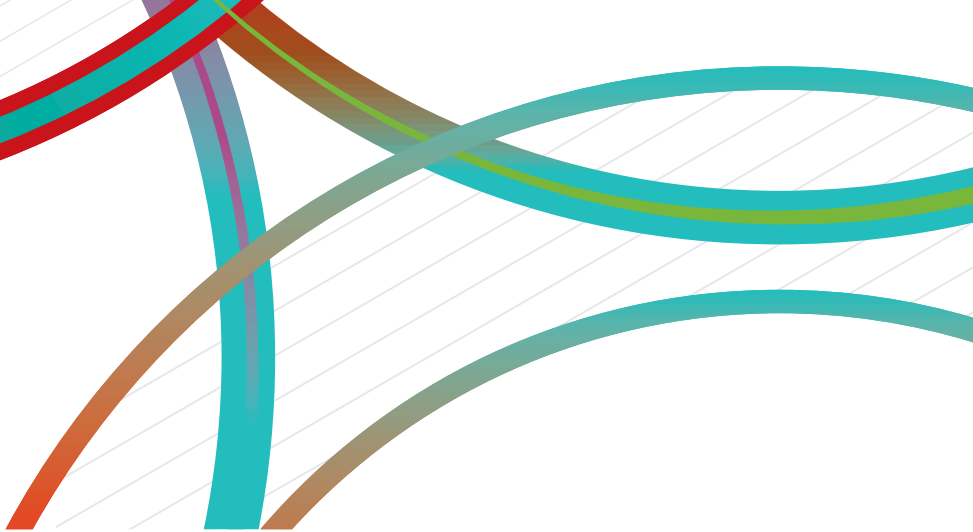
Solvent	Soluble	Insoluble
DMF	x	
Dioxane	x	
Alcohol		x
MEK		x
MIBK		x
Xylene		x
Water		x

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:

Store in a dry, cool and well-ventilated area. Avoid exposure to moisture. Avoid exposure to heat and to sunlight

For more information please contact your local ICL office.



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

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