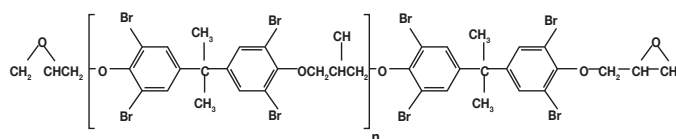


F-2100H

Flame Retardants®

Chemical name: Brominated Epoxy Polymer
Formula: $C_3H_5O(C_{18}H_{16}O_3Br)_n C_{18}H_{15}BrO_2$
CAS Number: 68928-70-1
%Br: 52.0
MW: 25,000



General & Use:

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

It has a good mechanical, physically and flow properties, high thermal and UV stability

For health & safety matters please refer to the SDS

Typical Properties:

Appearance	white to off-white powder
Bromine Content (%)	52
Specific Gravity	1.8
Molecular Weight	25,000
Tg (°C)	130-150
Color APHA in dioxane 10% Soln.	100

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

Weight Loss (%)	°C
2	348
5	355
10	359

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 the address list 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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Head Office

ICL-IP Ltd.
E-mail: frinfo@icl-group.com

Europe

ICL-IP Europe B.V.
E-mail: fr.europe@icl-group.com

North America and Mexico

ICL-IP America Inc.
E-mail: fr.nam@icl-group.com

South America

ICL-IP Brasil Ltda.
E-mail: fr.sam@icl-group.com

Asia Pacific China

ICL-IP China
E-mail: fr.china@icl-group.com

Japan

ICL-IP Japan Ltd.
E-mail: fr.japan@icl-group.com

Other Asia Pacific

ICL-IP Asia Ltd.
E-mail: fr.asia@icl-group.com

Other parts of the World

E-mail: frinfo@icl-group.com

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