

Chemical Name: Brominated Epoxy Polymer

Formula: $C_3H_5O(C_{18}H_{16}O_3Br_4)_n C_{18}H_{15}Br_4O_2$

CAS Number: 68928-70-1

%Br: 52.0

MW: 20,000

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.

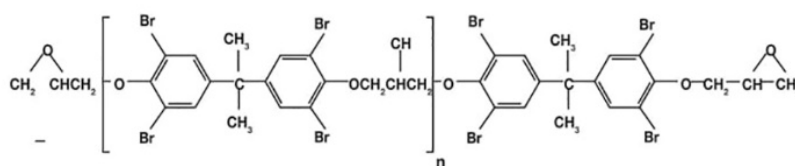
Typical Properties:

Appearance	WHITE 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

Flame Retardants:



F-2100H



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 ICLIP 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.

Visit our website: www.icl-group.com

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

Head Office

ICL-IP
Makleff House, 12 Kraitzer St., P.O.B. 180
Beer Sheva 84101, Israel
Tel: +972 8 629 7608
Fax: +972 8 629 7846
E-mail: info.iclip@icl-group.com

North America and Mexico

ICL-IP America Inc.
622 Emerson Road, Suite 500
St. Louis, Missouri 63141, USA
Tel: +1 877 661 4272
Fax: +1 314 983 7610
E-mail: info.iclip.america@icl-group.com

Japan

ICL-IP Japan Ltd.
Sumitomo Fudosan Lidabashi Building, 5th fl. 2-3-
21, Koraku, Bunkyo-ku, Tokyo 112-0004, Japan
Tel: +81 3 6801 8430
Fax: +81 3 6801 6970
E-mail: info.iclip.japan@icl-group.com

Europe

ICL-IP Europe B.V.
Fosfaatweg 48, 1013 BM Amsterdam
The Netherlands, or P.O. Box 465
1000 AL Amsterdam, The Netherlands
Tel: +31 20 800 5800

South America

ICL Brasil Ltda.
Av. Major Sylvio de Magalhães Padilha, 5200
Ed. Dallas CJ, 22, 05695-000 São Paulo SP, Brazil
Tel: +55 11 2155 4539
Fax: +55 11 2155 4507
E-mail: info.iclip.brazil@icl-group.com

Other Asia Pacific

ICL Asia Ltd.
Room 2301, 23/F, Allied Kajima Building,
138 Gloucester Road, Wanchai, Hong Kong
Tel: +852 2827 7761
Fax: +852 2824 1502
E-mail: info.iclip.asia@icl-group.com

ICL-IP Terneuzen BV

Frankrijkweg 6, Harbour 1205,
4538 BJ Terneuzen
P.O.Box 318, 4530 AH Terneuzen
The Netherlands
Tel: +31 115 689000
Fax: +31 115 617291
E-mail: info.terneuzen@icl-ip.com
www.iclip-terneuzen.nl

Asia Pacific China

ICL China
Room 908 Times Square Office Tower
No 93 Middle Huai Hai Road
Shanghai 200021, China
Tel: +86 21 5386 3322
Fax: +86 21 5386 3336
E-mail: info.iclip.china@icl-group.com

Israel

Magnesia Products
P.O.Box 180, Beer Sheva 84101, Israel
Tel: +972 8 629 7524
Fax: +972 8 629 7530
E-mail: info.periclose@icl-ip.com

ICL-IP Bitterfeld GmbH

Rudolph-Glauber-Str. 7
06749 Bitterfeld, Germany
Tel: +49 3493 72801
Fax: +49 3493 72219
www.supresta.com

Sino-Brom Compounds Co., Ltd.

Haihua Development Zone, Weifang,
Shandong 262737, P.R. China
Tel: +86-536-5328880 ext 8103
Fax: +86-536-5328882
E-mail: heng-yang@sbcl.com.cn

Dead Sea Salts

Tel: +972 8 646 5347
Fax: +972 8 628 0533
E-mail: chemarket@dsd.co.il

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable as of the date of publication. However, no warranty is made as to the accuracy of and/or sufficiency of such information and/or suggestions as to the merchantability or fitness of the product for any particular purpose, or that any suggested use will not infringe any patent. Nothing herein shall be construed as granting or extending any license under any patent. Buyer must determine for itself, by preliminary tests or otherwise, the suitability of this product for its purposes, including mixing this product with other products. The information contained herein supersedes all previously issued bulletins on the subject matter covered.

20180118