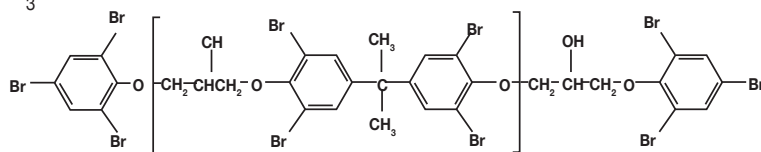


F-3020

Flame Retardants®

Chemical name: End Capped Brominated Epoxy
Formula: $C_6H_2OBr_3(C_{18}H_{16}O_3Br_4)_n C_9H_8O_2Br_3$
CAS Number: 135229-48-0
U.S. CAS Number: 534584-61-7
%Br: 57
MW: 2300



General & Use:

F-3020 is a tribromophenol end-capped brominated epoxy flame retardant additive, recommended for use in styrenic copolymers.

F-3020 has high FR efficiency combined with good processability in both extrusion and injection molding processes.

F-3020 is non-blooming, exhibits high thermal stability, good HDT, impact strength, mechanical properties and UV stability in HIPS and ABS formulations.

For health & safety matters please refer to the SDS

Typical Properties:

Appearance	white to off-white powder
Bromine Content (%)	57
Specific Gravity	1.9
Molecular Weight	2300
Softening Range (°C)	105 - 120
Color Gardner in dioxane 40% Soln.	3

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

Weight Loss (%)	°C
2	318
5	349
10	357

Solubility:

Solvent	Soluble	Insoluble
Dioxane	X	
Chlorobenzene	X	
Chloroform	X	
Acetone	X	
Anisole	X	
Water		X
Methanol		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.



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 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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