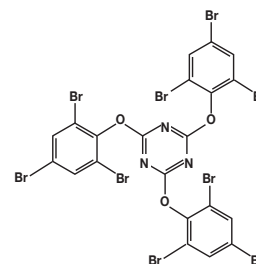


# FR - 245

## Flame Retardants®

**Chemical name:** 2,4,6-Tris (2,4,6-tribromophenoxy) -1,3,5 triazine  
**Formula:**  $C_{21}H_6Br_9N_3O_3$   
**CAS Number:** 25713-60-4  
**Br%:** 67.0  
**MW:** 1067



### General & Use:

FR-245 a brominated cyanurate is a proprietary, additive flame retardant. The combination of aromatic bromine and cyanurate provides high FR efficiency and good thermal stability. A major use of FR-245 is in ABS and HIPS. FR-245 combines good UV, impact and flow properties. It is non blooming.

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

### Typical Properties:

Appearance	WHITE POWDER
Bromine Content %	67
Specific Gravity	2.44
Assay (HPLC) %	99.8
Melting Point °C	230
Volatiles %	0.1

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

Weight Loss(%)	°C
2	360
5	385
10	400

### Solubility

Solvent	g/100g solvent at 25°C
Water	0.0
Toluene	28
Methyl ethyl ketone	4
Methyl acetate	3
Carbon tetrachloride	17
Methanol	0.2

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.

Visit our Website: [www.icl-group.com](http://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](mailto:frinfo@icl-group.com)

**Europe**

ICL-IP Europe B.V.  
E-mail: [fr.europe@icl-group.com](mailto:fr.europe@icl-group.com)

**North America and Mexico**

ICL-IP America Inc.  
E-mail: [fr.nam@icl-group.com](mailto:fr.nam@icl-group.com)

**South America**

ICL-IP Brasil Ltda.  
E-mail: [fr.sam@icl-group.com](mailto:fr.sam@icl-group.com)

**Asia Pacific China**

ICL-IP China  
E-mail: [fr.china@icl-group.com](mailto:fr.china@icl-group.com)

**Japan**

ICL-IP Japan Ltd.  
E-mail: [fr.japan@icl-group.com](mailto:fr.japan@icl-group.com)

**Other Asia Pacific**

ICL-IP Asia Ltd.  
E-mail: [fr.asia@icl-group.com](mailto:fr.asia@icl-group.com)

**Other parts of the World**

E-mail: [frinfo@icl-group.com](mailto:frinfo@icl-group.com)

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.