

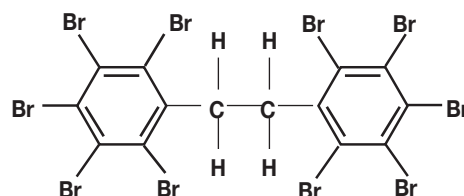
FR - 1410



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Flame Retardants

Chemical name:	Decabromodiphenyl Ethane
Formula:	$C_{14}Br_{10}H_4$
CAS Number:	84852-53-9
Bromine Content:	82.0%
MW:	971.2



General & Use:

FR-1410, Decabromodiphenyl Ethane, is an additive flame retardant containing 82% aromatic bromine. Its high bromine content coupled with its exceptional thermal stability makes it the material of choice for a large variety of applications. Major application areas include HIPS, Low-Density Polyethylene, Polypropylene (Homopolymers and Copolymers), Elastomers, PBT, Polyamides, UPE and Epoxy.

For health & safety matters please refer to the MSDS.

Typical Properties:

Appearance White to off-white powder

% Bromine Content	82
Specific Gravity	3.25
Free bulk density, g/L	925
Tapped bulk density, g/L	1320
Melting Point °C	> 350

Thermogravimetric Analysis (10 °C/min, air)

(%)Weight Loss	C°
2	322
5	345
10	360

Solubility:

Solvent (g/100 g at 25 °C)

Water	<0.01
Acetone	<0.01
Methanol	<0.01
Toluene	<0.01
Chlorobenzene	<0.01
Methylene Dibromide	<0.01

Please note that the values indicated do not constitute specification limits. To obtain current specifications, refer to your local Sales Office/Representative or to ICL-IP Head Office at address herein.

Storage and Handling:

FR-1410 is stable in storage over long periods of time. Store in a dry, cool, ventilated area. Avoid inhalation, ingestion and contact with the skin and eyes.

For more information please contact us.

Visit our Website: www.icl-ip.com

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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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