

SUMMARY TABLE

**FLAME RETARDANT DEMAND
(million pounds)**

Item	2003	2008	2013	2018	% Annual Growth	
					08/03	13/08
Manufacturers' Shipments (bil 2000\$)						
lb flame retardant/mil \$ mfrs' shpts						
Flame Retardant Demand						
By Type:						
Alumina Trihydrate						
Phosphorus Compounds						
Brominated Compounds						
Other Flame Retardants						
By Market:						
Construction						
Electrical & Electronic						
Wire & Cable						
Motor Vehicle						
Other						
\$/lb						
Flame Retardant Demand (mil \$)						

TABLE III-1
FLAME RETARDANT DEMAND BY MATERIAL
(million pounds)

Item	1998	2003	2008	2013	2018
Plastics Demand					
lb FR/000 lb plastic					
Flame Retardant Demand					
Thermoplastic Resins					
Thermoset Resins					
Other Materials					
\$/lb					
Flame Retardant Demand (mil \$)					

TABLE III-2
THERMOPLASTIC RESIN DEMAND FOR FLAME RETARDANTS
(million pounds)

Item	1998	2003	2008	2013	2018
Thermoplastic Resin Demand					
lb FR/000 lb thermoplastic					
Flame Retardants in Thermoplastics					
Polyvinyl Chloride					
Polyolefins					
Polystyrene					
ABS					
Nylon					
Other Thermoplastics					
\$/lb					
FR Demand in Thermoplastics (mil \$)					
% thermoplastics					
Flame Retardant Demand (mil \$)					

TABLE IV-3**CONSTRUCTION PRODUCTS MARKET FOR FLAME RETARDANTS
(million pounds)**

Item	1998	2003	2008	2013	2018
Building Construct Expend (bil lb FR/mil \$ construction expend					
Flame Retardants in Construction					
Insulation					
Roofing Material					
Wood Panel Binder Resins					
Other Construction Products					
\$/lb					
FR Demand in Construction (mil \$)					
% construction					
Flame Retardant Demand (mil \$)					

TABLE IV-4
CONSTRUCTION PRODUCTS MARKET FOR FLAME RETARDANTS
BY PRODUCT
(million pounds)

Item	1998	2003	2008	2013	2018
Flame Retardants in Construction					
Alumina Trihydrate					
Boron Compounds					
Phosphorus Compounds					
Brominated Compounds					
Other Flame Retardants					
% construction					
Flame Retardant Demand					

TABLE V-1
FLAME RETARDANT DEMAND BY TYPE
(million pounds)

Item	1998	2003	2008	2013	2018
Manufacturers' Shpts (bil 2000\$)					
1b FR/mil \$ mfrs' shpts					
Flame Retardant Demand					
Halogenated Compounds					
Non-Halogenated Compounds					
\$/lb					
Flame Retardant Demand (mil \$)					

TABLE V-2

**HALOGENATED FLAME RETARDANT DEMAND
(million pounds)**

Item	1998	2003	2008	2013	2018
Flame Retardant Demand					
% halogenated					
Halogenated Flame Retardants					
Brominated Compounds					
Phosphorus Compounds					
Chlorinated Compounds					
\$/lb					
Halogenated Flame Retardants (mil \$)					
% halogenated					
Flame Retardant Demand (mil \$)					