

Voluntary Phase-out of Substances in Products

1. BFRs (Brominated Flame Retardants)
(as of June, 2012)

Products	Phase-out of BFRs
Mobile Phones	<ul style="list-style-type: none"> - Phased out BFRs from all mobile phones including smart phones and accessories launched after January, 2010. · Samsung launched 699 mobile phone models in 2011
TVs	<ul style="list-style-type: none"> - The housing of the Samsung TV models below, certified with Nordic Ecolabel, are free of BFRs. The certified model list is available via this website. : UE19D40** Series, UE22D40** Series, UE32D40** Series, UE27D50** Series, UE32D50** Series, UE37D50** series, UE40D50** series UE46D50** series, UE32D55** series, UE37D55** series, UE40D55** series UE46D55** series, UE32D60** /61**/62**/63** series, UE37D60**/61**/62**/63** Series, UE40D60**/61**/62**/63** series, UE46D60**/61**/62**/63** series, UE32D65**/67** series, UE37D65**/67** series, UE40D65**/67** series UE46D65**/67** series, UE40D70** series, UE46D70** series, UE55D70** series UE40D80** series, UE46D80** series, UE55D80** series UE19ES40** series, UE26EH40** series, UE32EH40** series, UE26EH45** series UE22ES50** series, UE32EH50** series, UE40EH50** series, UE46EH50** series UE32EH52** series, UE40EH52** series, UE46EH52** series, UE32EH53** series UE40EH53** series, UE46EH53** series, UE22ES54** series, UE32ES55** series UE37ES55** series, UE40ES55** series, UE46ES55** series, UE32ES57** series UE40ES57** series, UE46ES57** series, UE32ES61** series, UE37ES61** series UE40ES61** series, UE46ES61** series, UE55ES61** series, UE60ES61** series UE32ES63** series, UE37ES63** series, UE40ES63** series, UE46ES63** series UE55ES63** series, UE60ES63** series, UE32ES65** series, UE40ES65** series UE46ES65** series, UE55ES65** series, UE32ES67** series, UE37ES67** series UE40ES67** series, UE46ES67** series, UE55ES67** series, UE32ES68** series UE32ES68** series, UE40ES68** series, UE46ES68** series, UE55ES68** series UE40ES70** series, UE46ES70** series, UE55ES70** series, UE40ES80** series UE46ES80** series, UE55ES80** series
Notebooks	<ul style="list-style-type: none"> - Phased out BFRs from all notebook models (except adapter and power cord) launched after January, 2012. · Samsung launched 15 notebook models in 2011.
Monitors	<ul style="list-style-type: none"> - The housing of Samsung monitor models is free of BFRs.

MP3 Players	- Phased out BFRs from all MP3 players and accessories launched after January, 2010. · Samsung launched 20 MP3 player models during the year 2011
Digital Cameras	- Phased out BFRs from main printed wiring board and case of digital camera models launched after July, 2010. · Samsung launched 35 digital camera models during the year 2011
Digital Camcorders	- Phased out BFRs from main printed wiring board and case of digital camcorder models launched after July, 2010. · Samsung launched 9 digital camcorder models during the year 2011
HDD	- Phased out BFRs from all HDD models launched after April, 2009.
Semiconductors	- Halogen free semiconductors are provided upon customer request.

2. PVC (Polyvinyl Chloride)

Products	Phase-out of PVC
Mobile Phones	- Phased out PVC from all mobile phones including smart phones and accessories launched after April, 2010. · Samsung launched 546 mobile phone models in 2011
TVs	- Phased out PVC from internal wires of TV models launched after January, 2011. (exception : LCD/LED panel and PDP module) · Samsung launched 6,260 TV models during the year 2011
Notebooks	- Phased out PVC from all notebook models launched after January, 2012 (exception : power cord and adapter) · Samsung launched 15 notebook models during the year 2011
MP3 Players	- Phased out PVC from all MP3 players and accessories launched after January, 2010. · Samsung launched 20 MP3 player models during the year 2011
Digital Cameras	- Phased out PVC from internal wires of digital camera models launched after July, 2010. · Samsung launched 35 digital camera models during the year 2011
Digital Camcorders	- Phased out PVC from internal wires of digital camcorder models launched after April, 2010. · Samsung launched 7 digital camcorder models during the year 2011
HDD	- Phased out PVC from all HDD models launched after April, 2009.
LCD Panels	- Phased out PVC from all LCD panels launched after November, 2007.

3. Phthalates

Products	Phase-out of Phthalates
Mobile Phones	- Phased out phthalates from all mobile phones including smart phone and accessories launched after January, 2011. · Samsung launched 450 mobile phone models during the year 2011
MP3 Players	- Phased out phthalates from all MP3 player models and accessories launched after January, 2011. · Samsung launched 18 MP3 player models during the year 2011

4. Antimony trioxide

Products	Phase-out of Antimony trioxide
Mobile Phones	- Phased out antimony trioxide from all mobile phones including smart phone and accessories developed from January, 2012. · Up to May 31, 2012, Samsung has launched 9 mobile phone models free of antimony trioxide

5. Beryllium and compounds

Products	Phase-out of Beryllium and compounds
Mobile Phones	- Phased out beryllium and compounds (except beryllium alloys) from all mobile phones including smart phone and accessories launched after January, 2011. · Samsung launched 442 mobile phone models during the year 2011.
MP3 Players	- Phased out beryllium and compounds (except beryllium alloys) from all MP3 players and accessories launched from January, 2011. · Samsung launched 18 MP3 players during the year 2011.