

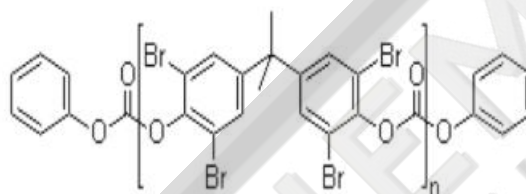
TECHNICAL DATA SHEET

NAME OF COMMODITY: BROMINATED FLAME RETARDANT SR-52
(OFFSET TO CHEMTURA BC-52)

CAS NO.: 94334-64-2

MOLECULAR WEIGHT: 5300

CHEMICAL STRUCTURE:



TESTS	SPECIFICATIONS
Appearance	WHITE POWDER
Bromine, %	52 MIN
Melting Range, °C	190 MIN
Specific gravity, g/cm ³	2.2
Chloride, %	0.005 MAX
Phenol, %	0.05 MAX
TGA (TA Instruments model 2950, 10 °C/min under N ₂) 5% weight loss, °C	410 MIN

DESCRIPTION:

SR-52 is a brominated aromatic flame retardant, mainly apply to thermoplastics. It is also widely used for engineering plastics which are demanding on thermal stability, UV stability and color.

APPLICATION:

As SR-52 has good combination properties, it can be widely used in PBT, PET, PBT/PET blend resin, PC, ABS, PC/ABS, polysulfone resin, SAN and various of laminating resin. SR-52 also meet the indoor fluorescent light and outdoor sunlight formulation requirements. Products with addition of PBBC have excellent electrical properties and thermal stability.

PACKING: IN 25KG OR 1000KG NET BAG

SHELF LIFE: 12 MONTHS