

## SR-52 (offset to BC-52)

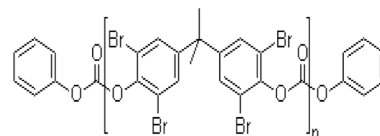
### *Brominated Flame Retardant*

## Technical Information

#### 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.

TerminatedTetrabromobisphenol-A Carbonate Oligomer  
CAS Reg. Number: [94334-64-2]



#### Applications

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.

#### Typical Properties

Appearance/form.....	white powder
Molecular Weight (Mw).....	about 5300
% Bromine.....	≥52
Melting Range (°C).....	≥190
Specific gravity.....	2.2
% Chloride.....	≤0.005
% Phenol .....	≤0.05
TGA (TA Instruments model 2950, 10 °C/min under N2)	
5% weight loss, °C .....	410

\*These properties are typical but do not constitute a specification either in part or as a whole. Specification data is available on request from sales, customer.

#### Storage and Handling Precautions

Store the product in a cool, dry, well-ventilated area away from incompatible materials. The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling.

#### Shelf Life

12 months

#### Packaging

Net 25kgs per bag or 1000kgs per bag