

# Technical information

## BISPHENOL S

Synonyms:	4,4' - dihydroxy diphenyl sulfone; 4,4' - sulfonyldiphenol		
CAS number:	80-09-1	EINECS number:	201-250-5
Formula:	C <sub>12</sub> H <sub>10</sub> O <sub>4</sub> S	Molecular weight:	250.27
HTS number.:	29082000		

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### SPECIFICATION

Appearance	white to slightly beige crystalline powder
Purity (wt%)	≥ 99.5
Loss on drying (wt%)	≤ 0.4
Melting point	≥ 245°C
Fe (ppm)	5 max
2,4'-dihydroxydiphenyl sulfone (wt%)	0.5 max
Particle size	200 μ max

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### PROPERTIES

Solubility	water:	insoluble
	acetone:	complete
	dimethylformamide:	complete
	cyclohexanone:	complete
	ethanol;	complete
Density	1,3 kg/l	

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### PACKING

Knit bags plastic-lined of 25 or 50 kg net.

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### HEALTH & SAFETY, SHIPPING

Classification	Not listed
Codes / markings	R 36/37/38 S 26-36

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### APPLICATIONS

- intermediate for fire retardants and colorants
- co-monomer in phenolic and polyester resins
- leather coatings
- pigment intermediate
- thermosensitive paper
- sulfone polymers
- photographic couplers
- tanning agents
- electroplating chemicals
- antileprotic drugs

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