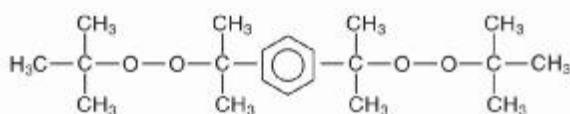


BIPB-Environmentally-benign crosslinking agent



Chemical Name: Bis (tert-butylperoxy isopropyl)benzene

CAS No: 25155-25-3

Half life temperature: 182°C (1 minute), 118-120°C (10 hours)

Self accelerating decomposition temperature (SADT): 80°C

Application advantages

- 1、 No irritant odor, substitute for DCP, environmentally-benign
- 2、 Excellent thermal stability and good behavior at high temperature compression deformation
- 3、 Suitable for higher temperature, significantly improve the scorch resistance of rubber during processing
- 4、 Less dosage but high crosslinking efficiency
- 5、 Suitable for the high temperature processing
- 6、 Additive for the degradation of PP, PE and other polymers
- 7、 Excellent insulation properties



Product	BIPB-96	BIPB-40A	BIPB-40B	BIPB-40C	BIPB-40D
Appearance	White to Yellowish Crystal	White Granular	White Powder	White Powder	White Powder
Content	≥96%	39-41%	39-41%	39-41%	39-41%
Carrier	N/A	CaCO ₃ 54-56% SiO ₂ 4-6%	CaCO ₃ 54-56% SiO ₂ 4-6%	SiO ₂ 59-61%	Clay 59-61%
Melting point(°C)	40-50	N/A	N/A	N/A	N/A

Application	Rubber and plastics	Terminal product
Cable and wire	EPDM, CPE, EVA, XPLE etc.	Insulation and semiconductor laminate
Automotive	EPDM, EPM, HNBR, NBR, FKM etc.	Conveyor belt, tube, section bar, O-ring seal, gasket material, hose, rubber seal etc.
Building material	EPDM, EPM, EVA, PEX/XPLE etc.	Section bar, floor and roof, mould
Sports	EVA, PBU etc.	Sole of shoes, toy, core of golf ball