



SHOUGUANG WEIDONG CHEMICAL CO.,LTD

Product Data Sheet

Decabromodiphenyl ethane

Abbreviation:DBDPE(RDT-3)

Molecular Formula: $C_{14}Br_{10}H_4$

CAS No.:84852-53-9

Quality Standard:

Item	Index
	Best Grade
Whiteness \geq	89
Particle size $\mu m \leq$	3
Content of Br%	81-82
Free Br ppm \leq	10
Melting Point $^{\circ}C$	345
Volatiles % \leq	0.10

Application:

This product is a new high efficiency,environment fridendly flame retardent developed by our company and Beijing Institute of Technology. The product has properties of high bromine content, excellent thermal stability, low toxicity and UV-resistance. It is used in high-impact polystyrene,engineering plastics,wires and cables,insulator,elastomer and thermoset plastics etc.