



EcoFlameRetardant-B-959

DECABROMODIPHENYL OXIDE

Chemical Name: Decabromodiphenyl Oxide

Brand Name: EcoFlameRetardant B-959

Equivalent Grade: Saytex 102E

CAS NO.: 1163-19-5

Chemical formula: C₁₂Br₁₀O

Molecular Weight: 959.2

Application:

EcoFlameRetardant B-959 is an additive with high bromine content and provides a cost effective solution to flame retardant formulations in a wide range of applications. It is used in elastomers, wire & cable textile coatings, business machines and television cabinets formulations. EcoFlameRetardant B-959 is particularly effective in polyolefins, styrenic, polyamide, HIPS, and polyester resins.

Technical Data Sheet

Analysis Item	Best grade	First Grade
Appearance	White powder	White powder
Whiteness Degree (ISO)	96 min	93 min
Free Bromide mg/kg	20 max	20 max
Volatile Content O/o	0.10 max	0.10 max
Aluminium Content mg/kg	30 max	30 max
Iron Content mg/kg	10 max	10 max
Melting Point °C	300 min	304.4-309.7
Average Particle um	3 max	6 max
Organic Bromide O/o	82 min	82. min

Packing:

EcoFlameRetardant B-959 is packed in 25kg paper bag, 40 bags on pallet, or jumbo bag. Total 20Mt per 20'FCL.

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