



HEXABROMOCYCLODODECANE

Chemical Name: Thermal stabilized Hexabromocyclododecane

Brand Name: EcoFlame B-641TS

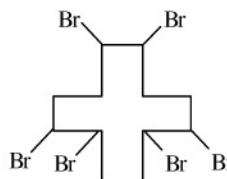
Equivalent Brand: SP-75

CAS NO.: 3194-55-6

Chemical formula: C₁₂H₁₈Br₆

Molecular Weight: 641.7

Chemical Structure:



EcoFlame B-641TS flame retardant is a stabilized grade. It show good thermal stability and provides excellent performance at low loading levels with minimum effect on polymer properties at higher processing temperatures.

EcoFlame B-641TS is recommended as an additive flame retardant for critical thermoplastic and thermosetting polymer applications requiring slightly higher thermal stability than EcoFlame B-641. It is the product of choice for EPS (expanded polystyrene foam) and other styrene based resin systems where improved melt viscosity stability is needed in processing.

Technical Data Sheet

Analysis Item	Standard	Analysis Result
Appearance	White powder	White powder
Bromine content %	73.5min	73.6
Volatile content %	2 hours 105□ 0.2%max	0.15
Melting point □	180min	180~190
Particle size mesh	95	95
Purity %	99min	99.1

Packing:

EcoFlame B-641TS was packed in 25kg paper bag, 40 bags on pallet,
Or Jumbo bag, total 20Mt per 20'FCL.

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