



EcoFlameRetardant-B-641HM

HEXABROMOCYCLODODECANE

Chemical Name: High Melting Point Hexabromocyclododecane

Brand Name: EcoFlameRetardant B-641HM

CAS NO.: 3194-55-6

Chemical formula: C₁₂H₁₈Br₆

Molecular Weight: 641.7

Application:

EcoFlameRetardant B-641HM flame retardant is a super high purity grade. It's main Isomer content is 95% min with its final melting point at 1950 min.

EcoFlameRetardant B-641HM is recommended as an additive flame retardant for thermoplastic and thermosetting polymer application. It is the right choice for EPS (expandable polystyrene) and XPS (extruded polystyrene), as well as other styrenic-based resin systems.

Technical Data Sheet

Analysis Item		Standard	Analysis Result
Appearance		White powder/Granular	White powder
Bromine Content	①	74min	74.3
Volatile Content	①	2 hours 105°C 0.2%max	0.15
Melting Point	e	185min	188195
Particle Size passing rate:	80% mesh	95	100
Purity	①	99min	99.1

Packing:

EcoFlameRetardant B-641HM is packed in 25kg paper bag, 40 bags on pallet, or Jumbo bag.

Total 20Mt per 20'FCL.