

POLY PENTABROMOBENZYL ACRYLATE

Chemical name: Poly pentabromobenzyl acrylate FR-1025

Brand Name: EcoFlame B-1025

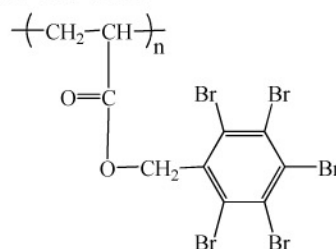
Equivalent Brand: FR-1025

CAS Number: 59447-57-3

Chemical Formula: $(C_{10}H_5Br_5O_2)_n$

Molecular Weight: Oligomer

Chemical Structure:



EcoFlame B-1025 is a polymeric flame retardant with a high content of aromatic bromine and good thermal stability. It is especially suitable for engineering thermoplastics, PET, PBT, nylon and styrenic copolymers.

EcoFlame B-1025 exhibits inherent advantages over other halogenated FR additives currently offered for the same application, as a result of its oligomeric nature, high bromine content and excellent thermal stability.

The use of EcoFlame B-1025 is advantageous when good processability, good impact, excellent compatibility with fiber reinforcement and electrical properties are required.

Technical Data Sheet.

Items	Specification	Analysis result
Appearance	Off-White powder	Off-White powder
Bromine content %	70min	70.08
Melting point °C	190	193-197
Volatile %	0.15max	0.12%

Packing:

EcoFlame B-1025 was packed in 25kg paper bag, 40 bags on pallet, total 20Mt per 20'FCL.

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