



EcoFlameRetardant-B-1025

**POLY PENTABROMOBENZYL ACRYLATE**

**Chemical Name:** Poly pentabromobenzyl acrylate

**Brand Name:** EcoFlameRetardant B-1025

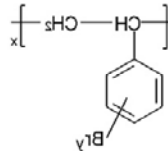
**Equivalent Grade:** FR-1025

**CAS NO.:** 59447-57-3

**Chemical formula:** (C<sub>10</sub>H<sub>5</sub>Br<sub>5</sub>O<sub>2</sub>)<sub>n</sub>

**Molecular Weight:** Oligomer

**Chemical Structure:**



**Application:**

EcoFlameRetardant 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.

EcoFlameRetardant 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 EcoFlameRetardant 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
<b>Appearance</b>	Off-White powder	Off-White powder
<b>Bromine Content %</b>	70min	70.08
<b>Melting Point °C</b>	190	193-197
<b>Volatile %</b>	0.15max	0.12%

**Packing:**

EcoFlameRetardant B-1025 is packed in 25kg paper bag, 40 bags on pallet.

Total 20Mt per 20'FCL.