

**UNIPLEX FRP-64 P**  
**Poly(2,6-Dibromophenylene oxide)**  
**CAS No. 69882-11-7**

**Description:** A light tan melt-processable solid flame retardant containing 64% aromatic bromine. Resin systems compounded with FRP-64P have high chemical and flame resistance, minimal thermal discoloration, and excellent light stability. The product is de-dusted with Uniplex 214 at 1.5 weight percent.

**Applications:** Unfilled and Reinforced Thermoplastic Polyester (PBT and PET)  
Unfilled and Reinforced Polyamide Resins (Nylon 6 and 66)

**Typical Properties:**

Bromine Content (%)	64 min.
Thermal Stability (5% Loss)	400°C
Iron Content (ppm, AA)	2 max.

**Solubility (g/100g Solvent at 25°C):**

Water	Insoluble
Acetone	Insoluble
Isopropanol	Insoluble
Xylene	Partially soluble
Tetrahydrofuran	>40

**General Specifications:**

Appearance	Light Tan Powder
Softening Range (DSC)	210-240°C
Sodium Bromide Content (%)	0.10 max.
Tribromophenol Content (% by GC)	0.15 max.
Loss on Drying (2 hr, 135°C)	1.0 max.

**Health & Safety:** Refer to Material Safety Data Sheet (MSDS).

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