

BOGIFLAM P27

ANTI-DRIPPING FLAME-RETARDANT ADDITIVE

PRODUCT IDENTIFICATION

Chemical Name: Anti-Dripping Additive
Physical Form: White Powder

BOGIFLAM P27 exhibits oxygen, CO₂ and water-vapour barrier properties. It reduces melt fracture, supports prevention of UV degradation and provides flame-retardant and anti-dripping performance. Recommended addition: 3-5% as supplied, based on the total formulation.

SPECIFICATION

Properties	Test Methods	Units	Values
Specific Gravity (25°C)	ASTM D-792	g/cm ³	1.7
Bulk Density (25°C)	Internal Method	g/mL	0.43
Particle Size (after dispersion)	-	nm	1 × 500
Particle Size (dry)	-	µm	7-9
Moisture	ASTM D6980-17	%	3
Ignition	ASTM D1929	wt. %	36-38

APPLICATIONS

- BOGIFLAM P27 is particularly suitable for halogen-free flame-retardant thermoplastic compounds, where it improves flame-retardant properties, dripping behaviour and crust formation.
- In thermoset systems, BOGIFLAM P27 can be mixed with the resin before addition of the curing agent and other additives; mixed with the curing agent first and followed by the resin and additives; or added after the resin, curing agent and additives have been premixed.
- Suitable substrates include polyolefins, polyester, polystyrene, ethylene-vinyl acetate, polyamides, epoxy and acrylic resins, rubbers and elastomers.
- BOGIFLAM P27 can reduce the filler content of aluminium hydroxide or magnesium hydroxide systems.
- Typical applications include aluminium hydroxide-filled EVA; LDPE/LLDPE; magnesium hydroxide-filled PP; and PP and PLA films.

PACKAGING & STORAGE

- **Packaging:** 1 pallet: 1,200 kg (25 kg aluminium packages).
- BOGIFLAM P27 should be stored away from direct sunlight and heat (T < 30°C). The product should be used within 6 months of its production date.

IMPORTANT NOTICE

Please read the Material Safety Data Sheet (MSDS) carefully before using this product.