

VENLOFR-P27

PRODUCT IDENTIFICATION

- **Chemical Name:** Antidripping
- **Physical Form:** White Powder

VENLOFR-P27 exhibits oxygen, CO₂, and water vapor barrier properties. It reduces melt fracture, is used in UV degradation prevention, and is also utilized for its flame retardant and antidripping properties. 3-5 % additive (as supplied) based on the total formulation.

SPECIFICATION

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

APPLICATIONS

- VENLOFR-P27 is particularly suitable for halogen-free flame retardant thermoplastic compounds, as its addition improves the flame retardant properties as well as the dropping behavior and crust formation.
- Thermoset Systems (VENLOFR-P27) can be mixed with the resin, followed by the addition of the curing agent and other additives. It can be mixed with the curing agent first, followed by the resin and other additives. Alternatively, the resin, curing agent, and additives can be mixed first, and then this product can be added.)
- Polyolefins Polyester, Polystyrene Ethylene Vinyl Acetate, Polyamides Epoxy and Acrylic Resins, Rubbers and Elastomers
- VENLOFR-P27 can reduce the filler content of, for example, aluminum or magnesium hydroxide.
- Aluminum hydroxide-filled ethylene-vinyl acetate (EVA)
- Low-density polyethylene (LDPE/LLDPE)
- Magnesium hydroxide-filled polypropylene (PP)
- Polypropylene (PP) & Polylactide (PLA) films

PACKAGING & STORAGE

- Packaging: 1 pallet is 1200 kg (25kg aluminum package).
- VENLOFR-P27 should be stored in a manner that avoids direct exposure to sunlight and heat (T < 30°C). This compound should be used within 6 months after its production date.

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

