TECHNICAL DATA SHEET

HOFNIL-312A

(EFFICIENT HALOGEN-FREE FR FOR POLYPROPYLENE & POLYOLEFINS)

HOFNIL-312A is an advance nitrogen-phosphorous based halogen free flame retardant for polyolefin likes: Polypropylene (Homo and Copolymer) Polyethylene (LLD, HD, LDPE etc.) filled & unfilled both and HIPS. It has high purity and provides a flame retardant composition exhibiting excellent flame retardancy.

PRODUCT PROPERTIES
Product Name: HOFNIL-312A
Product Code: 312A

TECHNICAL PARAMETERS		
S.NO.	PARAMETERS	SPECIFICATION
1	Appearance	Off White Powder
2	Thermal Stability	290^0 C
3	pH (1% Aq. solution)	3-4
4	Density (g/cm^3)	$1.8g/cm^3$
5	Dosage for UL94 V_0	PP: 22-26% , PE 25-28% & HIPS 25-27%%

Advantages of HOFNIL-312A:

HOFNIL-312A is recommended for use in PP, homo-polymer and co-polymer, high and low density PE, Ethylene vinyl acetate, co-polymers, Synthetic-Rubber, ABS, PBT, HIPS & other polymers.

HOFNIL-312A can provide Polyolefins with excellent flame retardancy by formation of intumescences, which reduces the generation of both dark smoke and Carbon-monoxide gas during combustion.

HOFNIL-312A provides flame retarded Polyolefins with low density and high mechanical properties.
An appropriate light stabilizer to give the excellent light stability to the flame retarded polymer and available in HOFNIL-PP-FR system.

Handling & Packaging: It should be handled with care to avoid moisture absorption, as it can affect its properties. The material is typically packaged in powder form for easy handling and processing. When handling, protective gloves and eye protection are advised to avoid direct contact with the glass fibers, which may cause irritation.

Shelf -Life: 2 years from date of manufacturing

Packing Size : 25 kg

Please Note: We are manufacturing various technologies related to flame retardants and their tailor made blends for any specific application. We can provide technical assistance as well in order to make better HFFR for any kind of substrate or material

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