

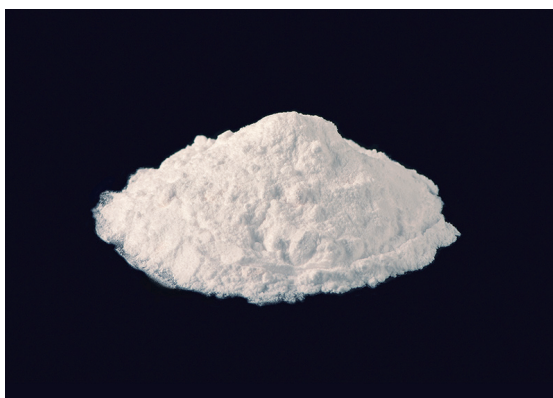


PRODUCT

Fire Cut P-796 (FCP-796)

3-1

FCP-796 is non-halogen flame retardant composite formulated with phosphonate type flame retardant and synergist.



FCP-796

ADVANTAGES

- Effects at gas phase with high flame retardancy
- High phosphorous content
- Gives high transparency to olefin film and sheet
- Less bleed out
- Low smoke emission



6% loading to PP Retain transparency



PRODUCT

Fire Cut P-796 (FCP-796)

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COMPONENTS

Phosphonate type flame retardant/ nitrogen type radical initiator composite

PROPERTIES

Appearance	White Powder
Phosphorous Content	ca. 21%
Volatiles	0.8% Max.

BURNING TEST



6% loading to PP (100 μ m VTM-0)



9% loading to PP (0.8mm V-0)



PRODUCT

Fire Cut P-796 (FCP-796)

3-3

APPLICATION

Polypropylene, Polyethylene, EVA, EEA Polyurethane, Polylactic acid(PLA), Cellulose, etc.

PACKAGE

20kg net paper bag

FORMULATION

PP	97	94	85
FCP-796	3	6	15
Oxygen Index	24.0	25.5	26.0
UL94 100μm	VTM-2	VTM-0	VTM-0
0.8mm	-	V-2	V-0
1.5mm	-	V-2	V-0
3.0mm	-	V-2	V-0

TGA ANALYSIS

