

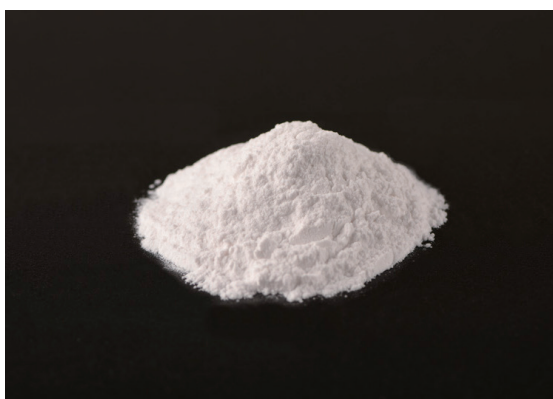


PRODUCT

Fire Cut P-770 (FCP-770) , Fire Cut P-790 (FCP-790)

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FCP-770 and FCP-790 are non-halogen flame retardants contain Ammonium Polyphosphate(APP) as main component.
FCP-770 is formulated with THEIC (Trihydroxyisocyanurate) and other synergist.
FCP-790 is formulated with Zinc hydrogen phosphate as synergist.



FCP-770

COMPOSITION

FCP-770 : Surface treated APP / THEIC / synergist

FCP-790 : Surface treated APP / Zinc hydrogen phosphate / synergist

PROPERTIES

Appearance	White Powder
Average Particle Size of APP	ca. 15
Phosphorous Content	FCP-770 24% / FCP-790 23%
Volatiles	≤ 0.5%

CARBONIZATION PROMOTION



Added 30% of FCP-770 to PP.
Acceleration of char formation
at flame-contact.



PRODUCT

Fire Cut P-770 (FCP-770) , Fire Cut P-790 (FCP-790)

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APPLICATION

Polyethylene, Polypropylene

PACKAGE

20kg net paper bag

FORMULATION

PP		100	75	70	70
FCP-770 (FCP-790)			25	30	30
Anti-dripping agent (PTFE)					0.2
Oxygen Index		18.0	35.5	41.0	39.0
UL94	3.0mm	-	V0	V0	V0
	1.5mm	-	V0	V0	V0
	0.8mm	-	V0	V2	V0

PP		80	75	70			
HDPE					80	75	70
FCP-770 (FCP-790)		20	25	30	20	25	30
Oxygen Index		26.5	32.5	36.0	26.5	32.0	36.5
UL94	3.0mm	V2	V0	V0	V2	V0	V0
	1.5mm	-	-	V0	-	-	V0

MULTI CALORIE METER (MCM)

