



EcoFlameRetardant-APP204

EcoFlameRetardant APP204

Chemical Name: Ammonium Polyphosphate

Brand Name: EcoFlameRetardant APP204

Equivalent Brand: Cros 486

CAS NO.: 68333-79-9

Chemical Formula: (NH₄P₀₃)_n

Molecular Weight: n>1000

Application:

- 1.It can be used in all areas where EcoFlameRetardant APP201 is suitable.
- 2.It can be advantageously used in solvent radical intumescent coatings.
- 3.It can be particularly used in thermoplastics. It has superior insulation for the electrical sector, and could achieve the classification UL94-VO.

Technical Data Sheet:

Analysis Item	Unit	Specification
Phosphorus	%(w/w)	2::28
Nitrogen	%(w/w)	2::14
pH Value	(10%suspension)	6.5-7.5
Water Content	%(w/w)	:50.25
Thermal Decomposition	"C	2::300
Density at 25 "C	kg/L	1.9
Apparent Density	kg/L	0.7
Viscosity (25"C in 10%suspension)	mPa.s	:520
Solubility in Water (g/100cm ³)	%(w/w)	0.10
Average Particle Size	um	:515

Packing:

EcoFlameRetardant APP204 is packed in 25Kg paper bag, 35 bags on pallet.

Total 17.5mt per 20'FCL