



EcoFlameRetardant-APP202

EcoFlameRetardant APP202

Chemical Name: Ammonium Polyphosphate

Brand Name: EcoFlameRetardant APP202

Equivalent: Exolit 462 and Gros C60

CAS NO.: 68333-79-9

Chemical Formula: (NH₄P₀₃)_n

Molecular Weight: n>1000

Application:

1. It is used for all areas where EcoFlameRetardant APP 201 is suitable.
2. It can be used advantageously in intumescent coating for exterior application where ammonium polyphosphate is required to have extremely low water solubility. It can be used in cellulose-containing materials (paper, wood, car's fireproof cloth, military cellulose materials).
3. It can be used in various polymers for exterior application.

Technical Data Sheet:

Analysis Item	Unit	Specification
Phosphorus	%(w/w)	28
Nitrogen	%(w/w)	15.5
pH value	(10% suspension)	6.5-7.5
Water content	%(w/w)	0.25
Thermal decomposition	°C	300
Density at 25 °C	kg/L	1.9
Apparent density	kg/L	0.7
Viscosity (25 °C in 10% suspension)	mPa.s	20
Solubility in water (g/100cm ³)	%(w/w)	0.05
Average particle size	um	15

Packing:

EcoFlameRetardant APP202 is packed in 25Kg paper bag, 35 bags on pallet.

Total 17.5mt per 20'FCL