



EcoFlameRetardant-APP203

EcoFlameRetardant APP203

Chemical Name: Ammonium Polyphosphate

Brand Name: EcoFlameRetardant APP203

Equivalent: Exolit 750 and Gros C30

CAS NO.: 68333-79-9

Chemical Formula: (NH₄P₀₃)_n

Molecular Weight: n>1000

Application:

1. It can be used in all areas where EcoFlameRetardant APP 201 is suitable.
2. It is particularly suitable as an acid donor for intumescent coatings.
3. It is suitable for PU foams.

Technical Data Sheet:

Analysis Item	Unit	Specification
Phosphorus	%(w/w)	28
Nitrogen	%(w/w)	<:18
pH value	(10% suspension)	7.5-8.5
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)	0.30
Average particle size	um	15

Packing:

EcoFlameRetardant APP203 is packed in 25Kg paper bag, 35 bags on pallet.

Total 17.5mt per 20'FCL