



EcoFlameRetardant-APP205

EcoFlameRetardant APP205

Chemical Name: Ammonium Polyphosphate

Brand Name: EcoFlameRetardant APP205

Equivalent Brand: BUDIT 3167

CAS NO.: 68333-79-9

Chemical Formula: (NH₄P₀₃)_n

Molecular Weight: n>1000

Application:

It can be used in a range of thermoplastics, especially polypropylene, polyethylene, ethylene/vinyl acetate copolymers and polyolefin blends. It is suitable both for extrusion and injection molding applications. In addition, APP-205 is suitable for use in hot melt adhesives or coating compounds.

Technical Data Sheet:

Analysis Item	Unit	Specification
Phosphorus	%(w/w)	22±1
Nitrogen	%(w/w)	21±1
pH Value	(100/0 suspension)	6.0-8.5
Thermal Decomposition	cc	250
Density at 25 CC	kg/L	1.8
Apparent Density	kg/L	0.45
Solubility in Water (g/100cm ³)	%(w/w)	0.1
Average Particle Size	um	16

Packing:

EcoFlameRetardant APP205 is packed in 25Kg paper bag, 35 bags on pallet.

Total 17.5mt per 20'FCL