

# JLS-PNP1C

## LS PNP1C (ammonium polyphosphate flame retardant )

|              |                              |
|--------------|------------------------------|
| Einecs No.:  | [ 269-789-9 ]                |
| cas nO.:     | 68333-79-9                   |
| Product No.: | 200503                       |
| FORMULA:     | $(\text{NH}_4\text{PO}_3)_n$ |
| appearance : | white , free-flowing powder  |

### specifications

|                            |                   |            |
|----------------------------|-------------------|------------|
| Phosphorus                 | %(m/m)            | 22.0-24.0  |
| Water content              | %(m/m)            | ≤ 0.5      |
| Thermal decompositions     |                   | ≥ 250      |
| Density at 25 °C           | g/cm <sup>3</sup> | 1.8        |
| Apparent density           | g/cm <sup>3</sup> | 0.7        |
| Particle size (>100 μ m) , |                   | ≤ 0.2      |
| Average particle size      | μm                | approx. 10 |

### APPLICATIONS

**JLS-PNP1C** may be mostly used in a range of thermoplastics, especially PP, PE, EVA, TPE AND rubber etc., which is suitable extrusion and injection moulding applications. It is more fine and white than JLS-PNP1 and PNP1A. It is the most important that JLS-PNP1C is no Cl.

### Safety and toxicity

|                                 |                    |
|---------------------------------|--------------------|
| Acute oral toxicity LD 50 (rat) | ≥ 2000mg/kg        |
| Storage:                        | Dry, at room temp. |

### PACKAGING

Paper Bags with PE in liner, 25kg net