

Character APP102

JLS APP102 (ammonium polyphosphate treated by silicone)

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|--------------|------------------------------|
| Einecs No.: | 68333-79-9 |
| cas No.: | [269-789-9] |
| Product No.: | 200204-2 |
| FORMULA: | $(\text{NH}_4\text{PO}_3)_n$ |
| appearance : | white, free-flowing powder |

specifications

| | | | |
|-------------------------------------|----------|-----------|------|
| Phosphates | %(w/w) | 31.0-32.0 | |
| Nitrogen | %(w/w) | 14.0-15.0 | |
| Water content | %(w/w) | ≤0.25 | |
| Solubility in water(10% suspension) | %(m/m) | ≤0.10 | |
| Viscosity (25° C, 10% suspension) | M Pas | ≤10 | |
| PH value | | 6.5-8.5 | |
| Acid number | mg KOH/g | ≤1.0 | |
| Average particle size | μ m | appro. 15 | |
| Particle size | >45 μ m | (m/m %) | ≤1.0 |
| | >74 μ m | (m/m %) | ≤0.2 |

APPLICATIONS

JLS-APP102 can be used for all applications ammonium polyphosphate is suitable. But there are difference with **JLS-APP102** and **JLS-APP**.

JLS-APP102 is less water solubility, which is not soakage in water, it may be more suitable in solvent coating system than water-based. Of course it is also more suitable in thermoplastics(for example polypropylene) rather than JLS-APP, for which the classification UL94-V0 is specified for application in the electrical sector.

Safety and toxicity

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| Acute oral toxicity LD ₅₀ (rat) | ≥2000mg/kg LD50 |
| Storage: | Dry, at room temp. |

PACKAGING

Paper Bags with PE in liner, 25kg net.