**Description**

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
<td>Ammonium polyphosphate (APP-202)</td>
</tr>
<tr>
<td>Equivalent Name</td>
<td>* Crystal : Phase II * Melamine resin coating</td>
</tr>
<tr>
<td>Cas No.</td>
<td>68333-79-9</td>
</tr>
</tbody>
</table>

**Application**

- Main use in Plastic (PP, PE, PA, PVC, PBT), PU, Rubber, Paint, coating

**Benefits and Features**

- APP-202 is a product based on ammonium polyphosphate. The crystal modification is phase II. It is manufactured from APP-201 by micro-encapsulation with melamine resin according to own method. APP-202 is a fine-particle white powder with very low solubility in water, even at elevated temperatures. It is completely insoluble in organic solvents. The product is non-hygroscopic and non-flammable.
- APP-202 differs from APP-201 in the following properties:
  - marked reduction in water
  - soluble constituents
  - even lower viscosity in aqueous suspension

**Typical Properties**

- Appearance: White powder.
- P %: 28 min.
- N %: 18 min.
- Degree of polymerization: 1500 min.
- Density (g/cm³): 1.9
- Decomposition temperature °C: 285 min.
- Solubility in water (g/100mlH₂O): 0.1
- PH: 6.0-8.5
- Average particle size (um): 16 max.

These properties are typical but do not constitute a specification either in part or as a whole. Specification data is available on request from sales, customer service or customer technical service.

**Shipping Information**

- Transportation classification: No regulated for transportation.
- Packing: 25kg/bag, 875kg/pallet; 17.5mt/20FCL.

**More Information**

Oceanchem Group Limited
Tel: 0086 536 8596048 Fax: 0086 536 8596047
E-mail: sales@oceanchem-group.com ; oceanchem@126.com