

PRODUCT DESCRIPTION

a controlled adjusted modified strontium aluminium polyphosphate hydrate
- HEUCOPHOS® SRPP is a special adjustment of HEUCOPHOS® SAPP for the application, mainly in Coil Coatings and Aircraft Primers.

TECHNICAL DATA


| | | |
|---|-------------|--------------------------|
| Strontium as SrO [%] | 23.5 - 30.0 | ICP |
| Phosphorus as P ₂ O ₅ [%] | 43.5 - 48.0 | ISO 6745 |
| Aluminium as Al ₂ O ₃ [%] | 10.5 - 13.5 | Complexometric titration |
| Loss on ignition 600°C [%] | 9.5 - 15.0 | ISO 6745 |
| Water-soluble chloride [%] | max. 0.025 | acc. to ISO 787, Part 13 |
| Water-soluble sulphate [%] | max. 0.05 | acc. to ISO 787, Part 13 |
| Conductivity [µS/cm] | max. 1500 | ISO 787, Part 14 |
| pH | 4.5 - 6.0 | ISO 787, Part 9 |
| Lead as Pb [ppm] | max. 10 | ICP |
| Cadmium as Cd [ppm] | max. 10 | ICP |
| Density [g/cm ³] | typ. 2.9 | ISO 787, Part 10 |
| Bulk density, untamped [g/cm ³] | typ. 0.4 | acc. to ISO 787, Part 11 |
| Bulk density, tamped [g/cm ³] | typ. 0.7 | acc. to ISO 787, Part 11 |
| Oil absorption value [g/100g] | typ. 40 | ISO 787, Part 5 |
| Sieve residue 32 microns [%] | max. 0.01 | acc. to DIN 53 195 |
| Average particle size [microns] | 2.0 - 3.5 | Coulter Multisizer II |

Legend:

Excellent choice +++

Good choice ++

Possible choice +

 In addition recommended
in combination with HEUCORIN® RZ

APPLICATION PROFILE

Solvent based coatings

- Short and medium oil alkyds
- Long oil alkyds
- High solids alkyds
- Epoxies ++
- Epoxyesters
- High solids epoxies
- Polyurethanes ++
- Moisture cured polyurethanes
- Chlorinated polymers +
- Silicone resins

Water based coatings

- Soluble alkyds
- Alkyd emulsions
- Epoxy emulsions
- Epoxy dispersions ++
- 1-part polyurethanes
- 2-part polyurethanes ++
- Silicone resins
- Acrylics and modified acrylics
- Butadienes
- Hybrids

Specialty coatings

- Coil Coatings +++
- Aircraft Primers +++
- Wash and shop primers
- Direct to metal one coat
- Baking enamels
- Acidic cured systems +++

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