SH-1200 Polyvinyl Chloride (PVC) Resin

SH-1200 is a PVC resin supplied as a free-flowing white powder, featuring good bulk density, whiteness, low volatile content, low fish-eye level and good plasticizer absorption.

Basic Information

Product Name	SH-1200 PVC Resin
Polymer Type	Polyvinyl chloride (PVC) resin
Supply Form	Free-flowing white powder
Key Features	White powder, good apparent density, low volatile content, low impurity and fish-eye counts, good plasticizer absorption.
Typical Applications	General PVC products; final application and formulation should be confirmed by user.

Typical Physical & Quality Properties

Data are typical values, not guaranteed specifications.

Property	Typical Value	Unit	Test Method
Appearance	White powder	–	Internal
Viscosity number (η)	122	ml/g	Internal
Volatile content	0.19	%	Internal
Sieve residue (250 μm)	0.10	%	Internal
63 μm passing rate	98	%	Internal
Apparent bulk density	0.53	g/ml	Internal
Whiteness (160°C 10min)	89	%	Internal
Plasticizer absorption	29	g/100g	Internal
Impurity particles	12	pcs	Internal
Fish-eyes (400 cm^2)	6	pcs	Internal
VCM residue	0	μg/g	Internal
Thermal stability (165°C)	6.5	min	Internal
Water extract conductivity	0.23	μS/(cm·g)	Internal

Property	Typical Value	Unit	Test Method
Dry flow time	22.7	s	Internal

Supply Form & Packaging

- Form: free-flowing PVC powder.
- Packaging: 25 kg bags.
- Keep bags sealed to avoid moisture and contamination.

Processing Guidance

SH-1200 is a general-purpose PVC resin. Actual processing parameters (temperature, screw speed, stabilizers, plasticizers, etc.) must be optimized by user.

Storage, Safety & Environmental

- **Storage:** Store in cool, dry, ventilated areas. Avoid sunlight.
- **Safety:** Avoid dust; refer to SDS for PPE and first-aid.
- **Environmental:** Recycle or dispose of waste per local law.

Disclaimer

All data are for reference only. Users must test suitability before use. CHEMDO assumes no liability for misuse.

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