



Plastic & polymer additives and solution supplier
 E: info@novistagroup.com | I: www.novistagroup.com

Technical Data Sheet Topolymer® CPVC Resin

With many year's production experience, we develop and improve advanced water suspension chlorination technology to produce cpvc resin. Under this processing, the cpvc resin has excellent property of heat resistance and processing performance. Our quality have been up to the top level in China and can replace international top supplier's such as Kaneka, Seksui, Arkema's.

Tech Spec (Extrusion Grade)

Items	Unit	Specification	
		CEX-01(A)	CEX-01(B)
Chlorine content	%	66.5-68.5	66.5-68.5
Whiteness (160°C, 10min)		≥75	≥70
Volatility	%	≤0.40	≤0.40
Bulk density	g/cm ³	0.60-0.67	0.60-0.67
Residue on sieve (30mesh)	%	≤1.0	≤1.0
Impurity	Pc/100g	≤15	≤15
K-Value (PVC)		65	65
Character		Better fluidity and processability	Higher Vicat softening point and mechanical properties

Tech Spec (Injection Grade)

Items	Unit	Specification	
		CIN-02A	CIN-02B
Chlorine content	%	66.0-67.5	66.0-67.5
Whiteness (160°C, 10min)		≥70	≥75
Volatility	%	≤0.40	≤0.40
Bulk density	g/cm ³	0.60-0.70	0.60-0.70
Residue on sieve (30mesh)	%	≤1.0	≤1.0
Impurity	Pc/100g	≤15	≤15
K-Value (PVC)		57	57
Character		High cost performance	Better thermal stability and mechanical properties



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Product Application

- **Sprinkler Pipes**

Sprinkler pipes are used as pipes to extinguish indoor fire fighting. Novista CPVC pipes have outstanding flame retardant, enabling deformation by heat to be delayed. Novista CPVC are rarely, if ever, blocked by rust or the like.

- **Industrial Heat-Resistant Pipes**

Novista CPVC pipes are used in various chemical plants. Novista CPVC pipes boast outstanding chemical resistance. They also have outstanding heat resistance compared to general PVC pipes.

- **CTS Pipes**

Novista CPVC pipes do not rust, and as such are used for indoor hot water supply pipes.

- **Outdoor Air-Conditioner Duct Covers**

Novista CPVC is used for outdoor air-conditioner covers and cable covers. It is used in particular for dark phr which reach high temperatures when exposed to sunlight. Novista CPVC can be recommended for such applications as an alternative to general purpose PVC.

- **Hot Water Supply Joints**

Joints using Novista CPVC can be injection molded to incorporate brass metal . They can be connected and separated easily.

- **Drainage Joints**

Novista CPVC is resistant to heat and chemicals, and can be used as joints for hot water and drainage circuits which can be connected and separated.

- **Power Cable Joints**

Novista CPVC is heat resistant, and can be used as joints for power cables which become hot.

- **Heat-Resistant Industrial Plates and Sheets**

Novista CPVC is used as a part of equipment for manufacturing semiconductor printed circuit boards. Chemical-resistance and heat-resistance are particularly required for cleaning tanks.

- **Fittings**

Novista CPVC has been designed for a wide range of applications as heat resistant fittings and valves.

- **Heat Resistant Flange**

Novista CPVC can be injection-molded as large-diameter flanges and joints for industrial pipes.

- **Foam Insulation Board & Tubes**

Novista CPVC can be mixed with rubber material to produce foam insulation board & tubes which can be to prevent condensation and reduce cold loss .



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Package and Storage

25KG PP woven bag with PE liner or paper bag . It is not dangerous cargo .You should handle the material according to the instruction described on SDS.

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