

Weifang Kingdom CPVC

Chlorinated Polyvinyl Chloride

Weifang Kingdom Plastic Co., Ltd

Message:

FEATURES: Low chlorine content, good flame retardant ability, Suitable for places which is not too high heat resistance and corrosion resistance requirements.

APPLICATION: It is used for producing pipe, sheet, wave sheet and corrugated sheet and so on.

General Information	
Features	Chlorine Resistant Flame Retardant Good Chemical Resistance Good Corrosion Resistance Good Processability High Heat Resistance Low to No Taste Non-Toxic
Uses	Adhesives Automotive Applications Building Materials Coating Applications Communication Applications Corrugated Sheet Electrical Parts Fittings Industrial Applications Mining Applications Piping Plastics Modification Profiles Sheet Textile Applications Tubing Valves/Valve Parts
Appearance	Transparent - Slight Yellow White
Forms	Granules Powder

Processing Method	Extrusion
	Injection Molding
	Press Molding

Physical	Nominal Value	Unit
Chlorine Content	61.0 to 68.0	wt%
Particle Size - 40 mesh sieving rate	> 98.0	%
Viscosity	0.160	mPa·s
Impact Resistance		
-- ¹	15.0 to 25.0	MPa
-- ²	20.0 to 30.0	MPa
Oil Absorption	> 20	%
Thermal Decomposition Temperature	> 110	°C
Volatiles	< 0.30	%

Mechanical	Nominal Value	Unit
Tensile Strength		
Yield ³	9.00 to 11.0	MPa
Yield ⁴	8.00 to 10.0	MPa
-- ⁵	55.0 to 65.0	MPa
Tensile Elongation ⁶ (Break)	30	%

Thermal	Nominal Value	Unit
Vicat Softening Temperature		
-- ⁷	105	°C
-- ⁸	120	°C

NOTE	
1.	Pipes
2.	Fittings
3.	Fittings
4.	Pipes
5.	Fittings
6.	Fittings
7.	Fittings
8.	Pipes

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