

# 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
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		
-- <sup>1</sup>	15.0 to 25.0	MPa
-- <sup>2</sup>	20.0 to 30.0	MPa
Oil Absorption	> 20	%
Thermal Decomposition Temperature	> 110	°C
Volatiles	< 0.30	%

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

Thermal	Nominal Value	Unit
Vicat Softening Temperature		
-- <sup>7</sup>	105	°C
-- <sup>8</sup>	120	°C

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

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