



Plastic & polymer additives and solution supplier
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Specification list of CPVC Compound

Items	Unit	6xxx01x	6xxx01x	6xxx01x	8xxx02x	8xxx02x	6xxx01x	8xxx02x	Testing method
Appearance	--	Powder	Powder	Powder	Granule	Granule	Orange Powder	Orange Granule	
Bulk density	%	0.60-0.64	0.60-0.64	0.60-0.64	--	--	0.60-0.64	--	GB/T20022-2005
Vicat Temp	°C	≥115	≥112	≥108	≥104	≥100	≥112	≥103	GB/T1633-2000
Tensile strength	Mpa	≥52	≥50	≥48	≥52	≥50	≥52	≥50	GB/T1040.2-2006
Tensile modulus	Mpa	≥2500	≥2480	≥2420	≥2500	≥2480	≥2480	≥2480	GB/T1040.2-2006
Elongation at break	%	≥30	≥30	≥30	≥28	≥28	≥32	≥30	GB/T1040.2-2006
Charpy impact	KJ/m2	≥22	≥18	≥16	≥15	≥12	≥20	≥15	GB/T1043.1-2008
Oxygen Index		≥50	≥50	≥50	≥50	≥50	≥50	≥50	GB/T 2406.1-2000
Thermal Stabilization	Min	≥25	≥25	≥25	≥25	≥25	≥25	≥25	Rheometer
Specific Gravity	g/cm3	1.45-1.50	1.45-1.50	1.45-1.50	1.45-1.50	1.45-1.50	1.45-1.50	1.45-1.50	GB/T1033.1-2008
Application		Hot & cold water pipe; Industry pipe			Pipe fitting & Valves		Fire sprinkler pipe; Fire sprinkler fitting		

Remark: Above is regular index, we can adjust formula to meet different requirement .