

# SHANDONG GAOXIN CHEMICAL CO.,LTD

## TECHNICAL SPECIFICATION

### CPVC COMPOUND-C5212-0

#### DATA SHEET:

No.	Item	Unit	Index/typical value	Test Method
1	Appearance		Granules	
2	Specific Gravity	g/cm <sup>3</sup>	1.47-1.49	GB/T1033.1-2008
3	Performance density	g/ml	0.60-0.62	GB/T20022-2005
4	Volatile content ≤	wt %	0.3	GB/T2914-2008
5	Vicat Softening Temp ≥	°C	102	GB/T1633-2000
6	Tensile Strength ≥	MPa	50	GB/T1040.2-2006
7	Tensile Modulus Of Elasticity ≥	MPa	2488	GB/T1040.2-2006
8	Elongation ≥	%	30	GB/T1040.2-2006
9	Impact Strength(Izod) ≥	KJ/m <sup>2</sup>	14	GB/T1043.1-2008
10	Dynamic Thermal Stabilization Time ≥	min	25	

#### Characteristic:

This brand is the injection type in the field of flame retardant, with Excellent thermal stability and processing performance, high thermal deformation temperature and mechanical strength, excellent impact resistance at room temperature and low temperature, good fire resistance.

#### Application:

Used as fittings and valves in fire sprinkler system.

#### Package:

Kraft-paper bags with 25kg. Net weight of 25kg per bag

Polypropylene bags with 650kg, Net weight of 650 per bag

According the customers requirements packaging.