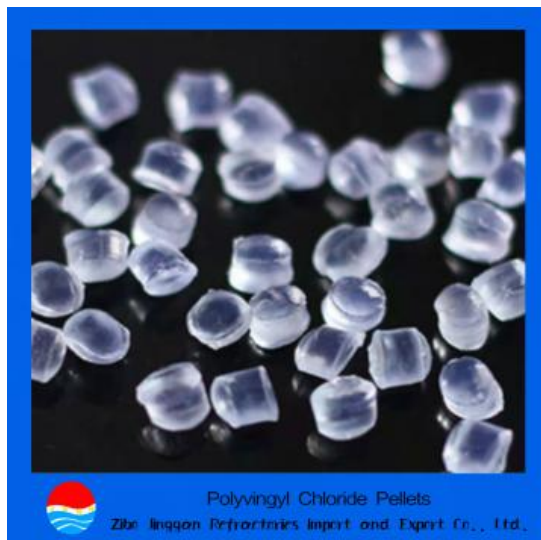


# SHANDONG TAIRAN IMPORT AND EXPORT CO.,LTD

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## Polyvingyl Chloride Pellets



### 1,Product nature

Item	Unit	Value
melting point	°C	170-195
Density at 25°C	g/ml	1.4
Refractive index	n	1.54
Form		powder
Proportion		1.385
CAS		9002-86-2

Polyvingyl Chloride abbreviated as PVC, is a high molecular compound made of vinyl chloride polymer. It has thermoplastic, white or light yellow powder, relative density of 1.35-1.40, chlorine content of 56-58%, excellent chemical corrosion resistance, poor thermal stability and light resistance, excellent electrical insulation performance and no combustion. It is necessary to add stabilizer when making plastics, which can make soft and hard plastics. When PVC is used as plastics, stabilizers, plasticizers, lubricants, fillers and pigments are often added. Hard PVC plastic can be made into pipes, valves, ventilation equipment, etc., soft PVC plastic can be made into wires, cables, hoses, toys, packaging materials, etc

### 2, Remarkable feature

- 1) anti aging, anti ultraviolet, weatherproof and wearable.
- 2) Good tensile strength and good toughness
- 3) High transparency, can customize any color

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## 3,Physical function of PVC

Item	Unit	Hard PVC	Softness PVC
Density	g/cm3	1.35-1.60	1.16-1.35
Water absorption	%	0.07-0.4	0.5-1.0
Tensile strength	N/mm2	45-50	10-18
Flexural Strength	N/mm2	80-90	
Coefficient of linear expansion	10 <sup>-5</sup> /k	5-6	7-25
Hot deformation temperature 182.45 N/cm2	°C	55-75	
Thermal conductivity	W/m.k	0.15	0.13
Martens tempera-ture	°C	65	40-70
Impact strength (Unnotch)	J/cm2	3.0-4.0	
Extensibility	%	20-40	130-320
Tensile modulus of elasticity	10 <sup>4</sup> N/mm2	0.33	
Hardness		hbw14-17	Shore 50-75
Puncture strength	Kv/mm	17-51	12-20
Mold Shrinkage	%	0.1-0.5	1-5

## 4, Product photos of various colors



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5, Production photos of factory workshop

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7.Good feedback of product use effect,the products have been exported to South Korea, Russia,Morocco

8.We are a professional supplier, who can provide customers with free product technology, use and other issues.

Do you want to find a professional supplier of Polyvingyl Chloride Pellets ?

Do you want to find a stable and credible supplier?

Then please contact with us

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