



中国石化
SINOPEC

TECHNICAL DATA SHEET

Product Name: **PVC**

Product Grade: **QS-1050P**

Product Description:

PVC is an amorphous polymer with a white amorphous powder appearance. Its glass transition temperature is 105-75 °C depending on the molecular weight. Compared with other general purpose plastics, polyvinyl chloride has the characteristics of flame retardancy and self-extinguishing, excellent chemical corrosion resistance, electrical insulation, chemical stability and thermoplasticity, insoluble in water, alcohol or gasoline. It can be expanded or dissolved in ether, ketone and aromatics.

Typical Properties:

Typical Performance Index (Not Warranted Value)

| Item | Unit | Value | Test Method |
|-------------------------------|-------------------------|-------|-------------|
| Mean Degree of Polymerization | | 1010 | GB/T 5761 |
| Apparent Density | g/ml | 0.55 | GB/T 20022 |
| Volatiles Content | % (m/m) | 0.11 | GB/T 2914 |
| Plasticiser Absorption | g | 24.7 | GB/T 3400 |
| Residual VCM | ug/g | 0.2 | GB/T 29874 |
| Screenings (0.25mm) | % | 0.5 | GB/T 21843 |
| Screenings (0.063mm) | % | 97 | GB/T 21843 |
| Fisheye Number | NO. /400cm ² | 6 | GB/T 4611 |
| Number of Impurities | NO. /100g | 12 | GB/T 9348 |
| Whiteness (160°C, 10 minutes) | % | 83.2 | GB/T 15595 |



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Product Characteristics:

- Flame retardancy
- Self-extinguishing
- Chemical corrosion resistance

Manufacturer:

Qilu Refinery Co., Ltd.

Typical Applications:

It is mainly used in the production of pipe .