

WH1800

K-value: 77-78

Product Introduction

WH1800 is a polyvinyl chloride (PVC) homopolymer with ultra high molecular weight produced by Wanhua Chemical Group Co.,Ltd. using suspension polymerization process.

Special Features

- Good miscibility with plasticizers and liquid stabilizers
- Excellent plasticizer absorption
- Excellent thermal stability
- High transparency
- Good process stability

Typical Applications

- Medical catheters
- Highly elastic sealing strips
- Heat/Cold resistant artificial leathers
- Super heat resistant wires & cables
- High pressure hose

Technical performance index

Typical indicators	Unit	WH1800
Degree of Polymerization	/	1700-1800
The number of impurities and foreign particles	pcs, ≤	16
Volatile Matter	%, ≤	0.3
Bulk Density	g/ml, ≥	0.44
Residue on 250μm sieve screenings	%, ≤	1.6
Residue on 63μm sieve screenings	%, ≥	97
The number of "fish eyes"	pcs/400cm ² , ≤	20
Plasticizer absorption of 100g PVC resin	g, ≥	30
Whiteness (160°C, 10min)	%, ≥	80
VCM Residual	μg/g, ≤	3

Note: Typical Values in sheet (Not Warranted Values)

