



中国石化
SINOPEC

PRODUCT MANUAL OF PVC

QS-850F is used to produce injection molding, pipe fittings, pressed material, rigid foam section, floor material and extrusion rigid section, etc..

Grade PVC QS-850F

Item		Guarantee value	Test method	
Average polymerization degree		800-900	GB/T 5761, Appendix A	
Apparent density, g/ml	≥	0.52	Q/SH3055.77-2006, Appendix B	
Volatiles content (water included), %	≤	0.30	Q/SH3055.77-2006, Appendix C	
Plasticiser absorption of 100g resin, g	≥	20	Q/SH3055.77-2006, Appendix D	
VCM residue, mg/kg	≤	5	GB/T 4615-1987	
Screenings %	0.25mm mesh	≤	2.0	Method 1: GB/T 5761, Appendix B
	0.063mm mesh	≥	95	Method 2: Q/SH3055.77-2006, Appendix A
Fisheye number, No./400cm ² ,	≤	20	Q/SH3055.77-2006, Appendix E	
Number of impurity particles, No.,	≤	16	GB/T 9348-1988	
Whiteness (160°C, 10 minutes later), %	≥	78	GB/T 15595-95	

QS-1000F is used to produce flexible film sheet, pressed material, piping molding-die tools, wire and cable insulation material, etc..

Grade PVC QS-1000F

Item		Guarantee value	Test method	
Average polymerization degree		950-1050	GB/T 5761, Appendix A	
Apparent density, g/ml	≥	0.49	Q/SH3055.77-2006, Appendix B	
Volatiles content (water included), %	≤	0.30	Q/SH3055.77-2006, Appendix C	
Plasticiser absorption of 100g resin, g	≥	24	Q/SH3055.77-2006, Appendix D	
VCM residue, mg/kg	≤	5	GB/T 4615-1987	
Screenings %	0.25mm mesh	≤	2.0	Method 1: GB/T 5761, Appendix B
	0.063mm mesh	≥	95	Method 2: Q/SH3055.77-2006, Appendix A
Fisheye number, No./400cm ² ,	≤	20	Q/SH3055.77-2006, Appendix E	
Number of impurity particles, No.,	≤	16	GB/T 9348-1988	
Whiteness (160°C, 10 minutes later), %	≥	80	GB/T 15595-95	