

## Technical properties:

NO.	Item	Unit	Technical requirement					
1	Density	g/cm <sup>3</sup>	0.94					
2	Longitudinal dimension shrinkage rate	%	≧ 3					
3	Degree of crosslinking	%	≧ 60					
4	Outlook		The inner and outer surface of the pipe is smooth, without sand holes, bubbles and other scratches that may affect the quality of the pipe.					
5	Hydrostatic pressure resistance	hydrostatic pressure resistance	Mpa	4.8	4.7	4.6	4.4	2.5
		Temperature	°C	95	95	95	95	110
		Time	h	1	22	165	1000	8760
6	Thermal conductivity	W/mk	0.46					
7	linear expansion coefficient	mm/mk	0.16					
8	Vicat softening point	°C	123					
9	Tensile strength	Mpa	≧ 17					
10	Elongation at break	%	≧ 350					
11	Hygiene property		GB/T17219-1988					