



## TEST REPORT

Specification/Color:

PEX-b-1/2"-RED (Manufacturer: RIFENG)

PEX-a-1/2"-RED (Manufacturer: a PEX-a manufacturer in the market, here simplify as "Sample A")

PEX-b-1/2"-BLUE (Manufacturer: a PEX-b manufacturer in the market, here simplify as "Sample B")

Characteristic	Unit	Sample A PEX-a 1/2" red	Sample B PEX-b 1/2" blue	RIFENG PEX-b 1/2" red
Cross-linking Type	/	Peroxide	Silane	Silane
Average OD	mm	15.98	15.95	15.95
Wall thickness	mm	1.91~1.94	1.81~1.91	1.83~1.92
Density	g/cm <sup>3</sup>	0.942	0.946	0.948
Cross-linking degree	%	93.0	78.2	73
OIT (210°C)	min	9.2	52.5	51.7
Shore hardness	HV	92	94	95
Burst pressure at 95°C	MPa	1.94	2.06	2.08
Burst hoop stress at 95°C	MPa	7.15	7.71	7.78

Test finished date:2015-11-13

Inspector: Jin Jijing

Quality Control Department of Foshan Rifeng Enterprise Group Co., Ltd