

		SERIES 3,2			
		16 x 2,2	20 x 2,8	25 x 3,5	32 x 4,4
PHYSICAL CHARACTERISTICS					
Characteristic	Unit				
Density	Kg/m ³	951	951	951	951
Crosslinking degree	% weight	>75	>75	>75	>75
Roughness	mm	0,007	0,007	0,007	0,007
THERMAL CHARACTERISTICS					
Characteristic	Unit				
Maximum service temperature	°C	95	95	95	95
Maximum punctual temperature	°C	110	110	110	110
Minimum working temperature	°C	-50	-50	-50	-50
Minimum punctual temperature	°C	-100	-100	-100	-100
Minimum temperature for tube manipulation	°C	-25	-25	-25	-25
Heat reversion 120°C heat; 1 hour	%	<2,5	<2,5	<2,5	<2,5
Specific heat at 23°C	KJ/kg·K	2,3	2,3	2,3	2,3
Thermal conductivity	W/ m·K	0,35 – 0,38	0,35 – 0,38	0,35 – 0,38	0,35 – 0,38
VICAT temperature	°C	130 - 132	130 - 132	130 - 132	130 - 132
Lineal extension coefficient	mm/m°K	0,026	0,026	0,026	0,026
MECHANICAL CHARACTERISTICS					
Characteristic	Unit				
Tensile resistance	N/mm ²	>22	>22	>22	>22
Elongation at break	%	>550	>550	>550	>550
Modulus of elasticity at 20°C	N/mm ²	>800	>800	>800	>800
Operating pressure at class 1	bar	10	10	10	10
Operating pressure at class 2	bar	10	10	10	8
Operating pressure at class 4	bar	10	10	10	10
Operating pressure at class 5	bar	10	10	8	8
DIMENSIONAL CHARACTERISTICS					
External Diameter	mm	16 + 0,3	20 + 0,3	25 + 0,3	32 + 0,3
Internal Diameter	mm	11,6	14,4	18	23,2
Thickness	mm	2,2 + 0,3	2,8 + 0,3	3,5 + 0,3	4,4 + 0,3
Ovality	mm	0.9	1	1,2	1,4
Sampling	m	400	300	200	100