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**PW Compound 104/3 (page 1/2)**

Property	Test method	Unit	Value
Density	EN ISO 1183	g/cm <sup>3</sup>	1,23 ± 0,00
Determination of temperature of deflection under load (HDT-A)	EN ISO 75-1	°C	67,40 ± 2,02
Determination of flexural properties	ISO 178		
Modulus of Elasticity		MPa	2096,75 ± 165,49
Bending Strength		MPa	19,68 ± 1,68
Elongation (at break)		%	1,57 ± 0,16
Impact strength (Charpy, unnotched)	EN ISO 179	kJ/m <sup>2</sup>	2,98 ± 0,14
Swelling in water	DIN EN 317		
1 day		%	2,16 ± 0,58
7 days		%	5,30 ± 0,99
28 days		%	8,87 ± 0,96
Water absorption			
1 day		%	3,19 ± 0,36
7 days		%	9,32 ± 1,32
28 days		%	16,24 ± 0,55
Coefficient of linear thermal expansion (25°C - 80°C)	EN ISO 11359-2	10 <sup>-6</sup> K <sup>-1</sup>	42,69 ± 10,83



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**PW Compound 104/3 (page 2/2)**

<b>Property</b>	<b>Test method</b>	<b>Unit</b>	<b>Value</b>
Creep behaviour	ÖNORM ENV 1156		
Max. creeping (56 days)		mm	0,808 ± 0,14
Creep rate		mm/h	0,0002 ± 0,0000
prediction creep factor (16 weeks)		mm	1,039 ± 0,15
prediction creep factor (20 weeks)		mm	1,100 ± 0,15
prediction creep factor (24 weeks)		mm	1,153 ± 0,15
prediction creep factor (52 weeks)		mm	1,406 ± 0,15
Determination of moisture resistance - Boil test (5h)			
Change in weight		%	1,26 ± 0,01
Change in length		%	0,00 ± 0,02
Bending test	EN 310		
Modulus of Elasticity		MPa	2632,76 ± 79,87
Bending Strength		MPa	17,09 ± 0,37