

PRODUCT SPECIFICATIONS SHEET

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TEST ITEM	TEST METHODS	TEST RESULTS	
APPARENT DENSITY	EN 14617-1:2013	2.16g/cm3	
WATER ABSORPTION	EN 14617-1:2013	0,05%	
tv10H'S HARDNESS	EN 101	5	
FLEXURAL STRENGTH	EN 14617-2:2016	99MPA	
SLIP RESISTANCE (POLISHED)	EN 14231:2003	SRV "dry": 62 SRV "wet": 17	
ABRASION RESISTANCE	EN 14617-4:2012	23.0MM	
THERMAL SHOCK RESISTANCE	EN 14617-6:2012	Mass loss:0.03% Appearance: No visible defects Flexura! strength after thermal shock:93.0?MPa Flexura! strength loss: -4.7%	
IMPACT RESISTANCE	EN 14617-9:2005	16.47 J	
LINEAR THERMAL EXPANSION COEFFICIENT	EN 14617-11:2005	22.6x 10 -e /°C	
DIMENSIONAL STABILITY	EN 14617-12:2012	Class: A	
FROST ANO THAW RESISTANCE	EN 14617-5:2012	Flexura! strength after freeze and thaw resistance: 98.2MPa The change in flexura! strength: 104.5%	
BREAKING LOAD AT DOWEL HOLE	EN 14617-8:2007	5660 N	
SURFACE RESISTIVITY	EN 14617-13:2015	1.56x10 ¹² O/sq	
VOLUME RESISTIVITY	EN 14617-13:2015	1.56x10 ¹² O/sq	
THERMAL CONDUCTIVITY	EN 15285:2008 Section 4.2.10 & EN 12664:2001 Heat flow meter method	0.746W/(m. K)	
CHEMICAL RESISTANCE	EN 14617-10:2012	Rating: C ₄	
RESSISTANCE TO CHEMICALS ANO STAINING AGENTS	EN 14688,CLAUSE 5.5	STAINING AGENT CH3COOH (10% VN) NaOH (5% m/m) C2H5OH (70% VN) NaOCl (5%) METHYLENE BLUE (1% m/m) NaCl (170 G/L)	CLEANING TEST REMOVAL REMOVAL REMOVAL REMOVAL REMOVAL REMOVAL
RELEASE OF DANGER	SGS In-House method- GZfC CHEM-TOP-092-01, GZfC CHEM-TOP-092-02, Analyzed by ICP-OES, UV-VIS, GC-MS, HPLC-DAD/MS and Colorimetric Method.	Pass	