

POLARIS PRODUCT SPECIFICATION

GLAZED GRES PORCELAIN FLOOR TILE

Pressed Ceramic Tiles International Norm

ISO 13006-10545/98

GROUP: B1b



No.	Icon	Test item	Unit	Requirements of Standard		Test result	Result
1		Dimensional variation	(%)	length of side	0.6	< 0.6	Qualified
2		Side straightness	(%)	± 0.5		< 0.5	Qualified
3		Squareness	(%)	± 0.5		< 0.5	Qualified
4		Surface flatness	(%)	Center curvature degree	± 0.5	< 0.5	Qualified
				Warping degree	± 0.5	< 0.5	Qualified
				Side curvature degree	± 0.5	< 0.5	Qualified
5		Surface quality	—	Sighting vertically at a distance of 0.8 meter away from the tile no defect on surface is observed in at least 95% of the tile		conformed	Qualified
6		Breaking strength	N	When thickness ≥ 7.5mm the Average value ≥ 700		>700	Qualified
7		Rupture modulus	Mpa	Average value ≥ 30 individual ≥ 27		> 30 > 30	Qualified
8		Abrasion resistance	revs	> 1500		> 1700	Qualified Class 3
9		Scratch resistance	MOH	—		> 6	Qualified
10		Frost resistance	—	No cracking after test		conformed	Qualified
11		Resistance to acids & alkalis	—	not less than grade GB		Grade GA	Qualified
12		Chemical resistance	—	not less than grade GB		Grade GA	Qualified
14		Slip resistance	R	Ramp slip rating test		R11	Exterior
			DCoF	DCoF: 0.42		>0.42	Matt/Exterior