




TECHNICAL DATA

MANUFACTURER	FOSHAN SHIWAN YULONG CERAMIC CO., LTD		
PRODUCT NAME MODEL AND SIZE TRADEMARK / GRADE	PENNY ROUND Glazed mosaic 30mm x 30mm x 5,5 mm	Sampling date	18/05/2014
TRUSTING DEPARTMENT ADDRESS		Sample quantity	3 cartons (20 sheets / ctn)
TEST BASIS	GB/T4100-2006 (Addenda G) Dry-pressed ceramic tiles (Water absorption $\leq 0.5\%$)		
RESULTS	Accord with the high quality products demands of Standard GB/T4100-2006 (Addenda G) after testing, this test is up to standard		

TESTED ITEMS		UNIT	TECHNICAL PREREQUISITES	RESULTS	DETERMINATION
Dimensional tolerance		%	Length ± 1.2	-0.02 ~ +0.09	CONFORM GB/T 4100-2006 (Addenda G)
		%	Width ± 1.2	-0.02 ~ +0.09	
Rectitude		%	± 0.70	-0.13 ~ +0.32	CONFORM
Rectangular		%	± 0.70	-0.17 ~ +0.28	CONFORM
Flat surface appearance			Central curve ± 0.70	-0.32 ~ +0.16	CONFORM
			Deformation ± 0.70	-0.18 ~ +0.32	CONFORM
			End curve ± 0.70	-0.22 ~ +0.28	CONFORM

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TESTED ITEMS		UNIT	TECHNICAL PREREQUISITES	RESULTS	DETERMINATION
Surface quality			More than 95% no visible defects are found on the surface at 0.8metre distance	Up to standard	CONFORM
Water absorption		%	Average value $\leq 0.5\%$	0.34	CONFORM
		%	Unit value $\leq 0.6\%$	0.32 - 0.36	CONFORM
Bending strength		N	Average value ≥ 700 Thickness $< 7,5$ mm	715	CONFORM
Breaking strength		Mpa	Average value ≥ 35	40.2	CONFORM
		Mpa	Unit value ≥ 32	36.4 - 48.1	CONFORM
Thermal shock resistance			No cracks appear after 10 thermal shock test	Up to standards	CONFORM
Crack resistance			No cracks appear after crazing resistance test	Up to standards	CONFORM
Chemical resistance			No below grade UB after test	grade UA	CONFORM
Pollution resistance			No below grade 3 after pollution resistance test .	grade 5	CONFORM
Acid resistance			Sorting after putting into 3% HCL solution for 4 days	grade GLA	CONFORM
Alkali resistance			Sorting after putting into 30g/l KOH solution for 4 days.	grade GLA	CONFORM