



QUALITY CERTIFICATE

PRODUCT: DIAMOND DOTTED PAPER (DDP)

THICKNESS: 0.25MM

RESIN: RED EPOXY RESIN

DATE OF TEST: 2014/07/03

INVOICE NO: 14SINOMA/ZYCK0900059 (Order No. 850289)

Item		Unit	Standard value	Test result
Thickness		mm	0.25 ± 0.025	0.263
Width		mm	700 ± 5	702-704
			1300 ± 5	1303-1305
Apparent density		g/cm^3	0.97-1.05	1.03
Moisture content		%	6.0-9.0	6.5
PH water extract			6.5-8.5	7.88
Elongation	MD	%	≥ 2.0	2.1
	CMD		≥ 5.4	7.1
Tear strength	MD	g/inch	≥ 2000	3760
	CMD		≥ 2300	3840
Ash content		%	≤ 0.7	0.51
Conductivity of aqueous extract		Ms/m	≤ 8.0	6.3
Coating thickness per side		mm	0.006 to 0.012	0.0011
Tensile strength	MD	N/mm^2	≥ 90	96
	CMD		≥ 45	61.8
Dielectric breakdown (dry test)		KV/layer	≥ 2.1	2.113
Bond strength		KPa	≥ 450	679