

## EVA Ethal Vinyl Data Sheet

**P J BOWERS PTY LTD**

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PROPERTY TEST METHOD	UNITS	EVA30	EVA45	EVA60	EVA75	EVA105	EVA120	EVA190	EVA220	EVA260	EVA350	EVA400
SHEET SIZE	mm	2000 x 1000	2000 x 1000	2000 x 1000	1900 x 940	1300 x 1150	1250 x 1100	1120 x 990	1070 x 950	1000 x 890	920 x 820	1150 x 860
SHEET THICKNESS	min-max mm	3-40	3-40	3-36	3-32	Mar-20	Mar-24	3-25	3-30	Mar-30	Mar-20	Mar-20
DENSITY	Kg/m3	30	45	60	75	105	120	190	220	260	350	400
HARDNESS JIS TYPE C	0	15	25	35	45	45	45	50	57	67	74	76
WATER ABSORPTION JIS K6767	g/cm3	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
THERMAL CONDUCTIVITY ASTM 578	W/m/C	0.04	0.042	0.043	0.044	0.046	0.047	0.052	0.055	0.058	0.064	0.066
OPERATING TEMPERATURE	Min C Max	--70C 70C	--70C 70C	--70C 70C	--70C 70C	--70C 70C	--70C 70C	--70C 70C	--70C 70C	--70C 70C	--70C 70C	--70C 70C
TENSILE STRENGTH JIS K6767	MPa	0.3	0.5	0.7	0.9	1.2	1.3	1.8	2	2.3	3	3.2
TEAR STRENGTH JIS K6767	N/cm	20	30	40	55	72	77	100	120	130	170	180
ELONGATION @ BREAK JIS K6767	%	250- 300	250- 300	250- 300	250- 300	250- 300	250- 300	250- 300	250- 300	250- 300	250- 300	250- 300
COMPRESSION SET	%	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
COMPRESSION DEFLECTION ASTM D3575	KPa	40	49	64	99	140	160	190	240	400	950	980