

PROPERTY TEST METHOD	UNITS	PE30	PE45	PE60	PE75	PE90	PE120
SHEET SIZE	mm	2000 x 1000	2000 x 1000	2000 x 1000	1800 x 900	1200 x 900	1220 x 1090
SHEET THICKNESS	min-max mm	3-40	3-40	3-36	3-32	3-30	3-30
DENSITY	Kg/m ³	30	45	60	75	90	120
HARDNESS JIS TYPE C	0	20	27	40	50	52	62
WATER ABSORPTION JIS K6767	g/cm ³	<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	0.045	0.047
OPERATING TEMPERATURE	Min C Max	--70C 80C	--70C 80C	--70C 80C	--70C 80C	--70C 80C	--70C 80C
TENSILE STRENGTH JIS K6767	MPa	0.4	0.5	0.7	0.9	1.1	1.4
TEAR STRENGTH JIS K6767	N/cm	20	30	43	53	64	77
ELONGATION @ BREAK JIS K6767	%	120- 170	120- 170	120- 170	120- 170	120- 170	120- 170
COMPRESSION SET	%	<5	<5	<5	<5	<5	<5
COMPRESSION DEFLECTION ASTM D3575	KPa	61	73	120	210	170	210