

E20

■ Features:

E20 is a pigmented white film, providing good shield.

■ Thickness:

38, 50, 75, 100, 125, 188, 250 μm

■ Typical properties:

Properties		Unit	#38 (150G)	#50 (200G)	#75 (300G)	#100 (400G)	#125 (500G)	#188 (750G)	#250 (10M)	Measurement method
Thickness	MMV	μm	38	50	75	100	125	188	250	
Tensile strength	MD	MPa	186	176	170	161	161	156	156	ASTM D882
	TD	MPa	189	179	170	156	151	147	147	ASTM D882
Elongation at Break	MD	%	99	98	100	97	97	97	97	ASTM D882
	TD	%	85	85	85	87	90	90	90	ASTM D882
Thermal Shrinkage at 150°C×30min	MD	%	1.4	1.3	1.3	1.2	1.2	1.1	1.1	ASTM D882
	TD	%	0.4	0.3	0.3	0.2	0.2	0.5	0.5	ASTM D882
Specular Gloss		%	34	34	34	34	34	31	31	ASTM D2457
Whiteness Index		%	90	90.5	90.9	90.9	90.9	90.9	90.9	ASTM E313
Optical Density		-	0.75	0.86	1.01	1.18	1.29	1.59	1.93	JIS K7605
Surface Resistivity		$\frac{\Omega}{\square}$	10^{16}	10^{16}	10^{16}	10^{16}	10^{16}	10^{16}	10^{16}	ASTM D257

■ Applications:

Cards, labels, and whiteboards

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