

SOMABLACK[®] FILM SPECIFICATION

PRODUCT NAME		THICKNESS [μm]	REFLECTIVITY [%]	OPTICAL DENSITY [-]	SURFACE RESISTIVITY [Ω/\square]	Kinetic friction coefficient [-]	
		JIS P-8118	JIS Z-8741 (60°)	X-RITE INC. 369		ASTM D 1894-63	
SOMA BLACK R	25 MD	29 ± 4	15.0 ± 10.0	≥ 1.2	≥ 10 ¹³	—	
	38 MD	42 ± 5	6.0 ± 4.0	≥ 1.8	≥ 10 ¹³	—	
	50 MD	54 ± 6	≤ 6.0	≥ 2.4	≥ 10 ¹³	—	
	75 MD	80 ± 8	≤ 6.0	≥ 3.7	≥ 10 ¹³	—	
	100	MD	106 ± 11	≤ 6.0	≥ 3.2	≥ 10 ¹³	—
		MDED	108 ± 11	≤ 9.0		≤ 10 ⁸	—
		188 MD	192 ± 19	≤ 6.0	≥ 3.7	≥ 10 ¹³	—
	250 MD	255 ± 20	≤ 6.0	≥ 3.7	≥ 10 ¹³	—	
SOMA BLACK H	50	MD	54 ± 6	≤ 6.0	≥ 5.0	≥ 10 ¹³	—
		MDED	56 ± 6	≤ 9.0		≤ 10 ⁸	—
		MDVD	58 ± 6	≤ 9.0		≤ 10 ⁹	≤ 0.3
	75	MD	80 ± 8	≤ 6.0	≥ 5.0	≥ 10 ¹³	—
		MDED	82 ± 8	≤ 9.0		≤ 10 ⁸	—
		MDVD	84 ± 8	≤ 9.0		≤ 10 ⁹	≤ 0.3

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