

## SOMABLACK<sup>®</sup> FILM SPECIFICATION

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