




















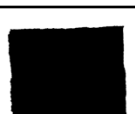





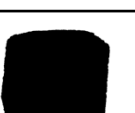






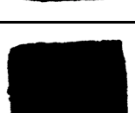





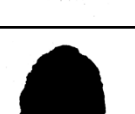
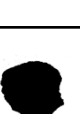


	VCM [%]	$\sigma_u$ [N/m <sup>2</sup> ]	$Y$ [N/m <sup>2</sup> ]	$\rho_s$ [kg/m <sup>3</sup> ]	$A_b$ [s <sup>2</sup> /m <sup>2</sup> ]	Number of Rotations, $N_R$							
						0	5	10	20	100	500	1300	3200
 <p>Stronger</p> <p>Weaker</p>	80	$5.14 \times 10^6$	$1.06 \times 10^8$	$1.59 \times 10^3$	$6.37 \times 10^{-3}$								
	75	$4.77 \times 10^6$	$9.91 \times 10^7$	$2.12 \times 10^3$	$9.24 \times 10^{-3}$								
	66.7	$4.15 \times 10^6$	$8.81 \times 10^7$	$2.71 \times 10^3$	$1.39 \times 10^{-2}$								
	50	$2.91 \times 10^6$	$6.60 \times 10^7$	$1.70 \times 10^3$	$1.33 \times 10^{-2}$								
	33.3	$1.67 \times 10^6$	$4.40 \times 10^7$	$2.32 \times 10^3$	$3.63 \times 10^{-2}$								
	25	$1.06 \times 10^6$	$3.30 \times 10^7$	$2.33 \times 10^3$	$6.86 \times 10^{-2}$								
	20	$6.89 \times 10^5$	$2.64 \times 10^7$	$1.89 \times 10^3$	$1.05 \times 10^{-1}$								
	16.7	$4.44 \times 10^5$	$2.21 \times 10^7$	$1.71 \times 10^3$	$1.91 \times 10^{-1}$								
	14.3	$2.66 \times 10^5$	$1.89 \times 10^7$	$1.83 \times 10^3$	$4.86 \times 10^{-1}$								
	12.5	$1.33 \times 10^5$	$1.65 \times 10^7$	$1.99 \times 10^3$	$1.86 \times 10^0$	