

After Washing

Neil O'Mahony processed data and wrote this report. Washing by Tibor Agocs and Neil
 Dome Humidity ~40%, Temperature 3 degC
 Published 31 Mar 2011

SMS Reflectometer data taken two hours approx. after water washing

Lambda 0.67
 Incident Angle 25

		BDSF (Scattering)		REFLECTANCE	Surface Roughness RMS (Å)	comment	"TIME"	"DATE"
		Pos 1: Zenith 0° Azim. 0°	Pos 2: Zenith 50° Azim. 180°					
1								
2		2.94E-003	3.37E-004	0.8220	58.8		"15:12:31"	"01-13-2011"
3		2.93E-003	3.35E-004	0.8450	58		"15:12:36"	"01-13-2011"
4		2.93E-003	3.33E-004	0.8460	58.2		"15:12:40"	"01-13-2011"
5		2.18E-003	2.37E-004	0.8260	52.2		"15:12:47"	"01-13-2011"
6		1.97E-008	2.25E-008	0.0010	3	skip	"15:14:27"	"01-13-2011"
7		2.12E-003	2.42E-004	0.8490	49.4		"15:14:35"	"01-13-2011"
8		2.12E-003	2.42E-004	0.8320	49.9		"15:14:39"	"01-13-2011"
9		2.12E-003	2.43E-004	0.8230	50		"15:14:43"	"01-13-2011"
10		3.39E-003	5.39E-004	0.8530	52.5		"15:14:54"	"01-13-2011"
11		3.37E-003	5.39E-004	0.8420	52.6		"15:14:59"	"01-13-2011"
12		3.37E-003	5.42E-004	0.8570	52		"15:15:03"	"01-13-2011"
13		3.92E-003	6.26E-004	0.8410	56.8		"15:15:15"	"01-13-2011"
14		3.93E-003	6.21E-004	0.8560	56.6		"15:15:19"	"01-13-2011"
15		3.89E-003	6.12E-004	0.8620	56.1		"15:15:24"	"01-13-2011"
16		3.75E-003	4.87E-004	0.8320	61.5		"15:15:41"	"01-13-2011"
		3.75E-003	4.86E-004	0.8340	61.4		"15:15:46"	"01-13-2011"
average		0.00311	0.00043	0.8395	55.07	Only 4 valid %R measurements		
std error %		10.04150	15.82540	0.0063	1.8			
improvement		3.13969	8.24983	2%	37%	from washing		
Post-Alu		0.00100	0.00010	0.86300	56			