

**SRI Center for Physical Sciences and  
Technology  
Textile Institute  
TEXTILES TESTING LABORATORY**

**COLOUR FASTNESS TO RUBBING**

**Tested sample:** identification code 241 – 13/2  
**Test method:** LST EN ISO 105–X12: 2004  
**Test conditions:**  
 Apparatus: STAININGTESTER, FD – 17/A  
 Download force on test specimen: 9 N  
 Number of rubbing cycles: 10  
 Adjacent fabric: standard cotton rubbing cloth (ISO 105-F09: 2009)  
 Finger used: rubbing finger comprised of a cylinder of (16±0,1)mm diameter  
 Level of soak: 100 %

The specimen and the rubbing cloth were conditioned for 24 h. After dry rubbing test, the rubbing cloth was conditioned for 4 h. Conditioning of specimens and rubbing cloth, and testing were carried out at standard atmospheres: temperature (20 ± 2) °C, relative humidity (65 ± 4) % (according to LST EN ISO 139: 2006).

**RESULTS**

Colour fastness to <b>rubbing, numerical rating</b>			
<b>Dry</b>		<b>Wet</b>	
Warp direction	Weft direction	Warp direction	Weft direction
<b>5</b>	<b>5</b>	<b>4-5</b>	<b>4-5</b>

**Sample of fabric:**  
identification code 241 – 13/2

