

## **Lead Paint Films for Children's Products**

Art. ID	NIST-2569
Unit	8 sheets
Deliverydetails	No Dangerous Good /not restricted

### Description

This Standard Reference Material (SRM®) is intended for use in the evaluation of lead in paint on films or similar matrices using non-destructive, instrumental methods of analysis. NIST-2569 consists of three different paint films each containing a specified amount of lead (Pb) and each supported on polyester sheet. NIST-2569 is not intended for use in test method calibration for thickness and density. A unit of NIST-2569 consists of three coupons of paint on polyester and five coupons of uncoated polyester. The coupons are approximately 73 mm long by 52 mm wide. The paint films are cured lacquer having a specified thickness in the range of 20 µm to 45 µm. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Level 1	Pb Mass Fraction		<0,2	mg/kg		
Level 1	Mass of Pb per Unit Are a		<0,02	?g/cm2		
Level 1	Paint Thickness		40,17 ± 0,66	?m		
Level 2	Pb Mass Fraction		85,0 ± 3,8	mg/kg		
Level 2	Mass of Pb per Unit Are a		0,225 ± 0,043	?g/cm2		
Level 2	Paint Thickness		22,9 ± 2,4	?m		
Level 3	Pb Mass Fraction		314,4 ± 3,6	mg/kg		
Level 3	Mass of Pb per Unit Are a		1,453 ± 0,073	?g/cm2		
Level 3	Paint Thickness		39,4 ± 2,4	?m		