

Datasheet ROMA PET Coating 55 µm

The ROMA PET coating is a laminate made from polyester lacquer and a PET film with a lightly textured surface. It is characterized by high chemical and mechanical resistance, making it particularly suitable for applications requiring a durable and resilient coating in indoor environments. The coating is physiologically safe, making it ideal for use in the meat and food processing industries.

Properties	Prüfnorm / Prüfvorschrift	Werte/ Beschaffenheit
Total Layer Thickness	EN 13523-1	ca. 55 µm
Light Fastness under Artificial Light	ASTM G 53-96 55± 3°C, UV-A 340, 125 hours	ΔE* color change ≤ 1.5, D65/10° brightness
Resistance to Thermal Shock	AICC N° 13	After 10 cycles, no changes were observed in brightness, hardness, adhesion, and bending strength.
Resistance to Rapid Deformation	ASTM D 2794-93	No cracking observed at 10x magnification
Resistance to Bending	ECCA T7 1996	1 T
Moisture Resistance at 100% Relative Humidity	ASTM D2247-94	1000 hours
Corrosion Resistance during Salt Spray Test	ECCA T8 ASTM B 117-95 Fire-coated substrate	No rust formation with film detachment along the incision line > 2 mm, cycles of: 300 hours
Abrasion Resistance	ASTM D4060-95, Abrasionsindex bei 1000 Zyklen	26-27
Water Resistance	Immersed in distilled water at 45°C for 1000 hours	No boiling or loss of adhesion
Adhesion after 6 mm Embossing	ECCA T6	No cracks or detachments
Pencil Hardness	ECCA T4: 1995 ASTM D 3363-92a	H