

Type: PR S40 4D

Calendered, rigid PVC film with recycled material content >40%. The formulation of our product is in compliance with Regulation (EU) No 10/2011. The rest monomer content regarding Vinylchlorid is max. 1,0 ppm. The film complies with the guideline 94/62 EC ("Packaging and Packaging waste") and is suitable for direct contact with foodstuffs.

Characteristics Opaque rigid PVC film, impact modified. Suitable for offset UV-, digital-, screen-, flexo- and gravure printing.

Surface finish mtt/mtt (505R)

Thickness range (mm) 0,120 - 0,600

Embossings * Fine

Roughness (Rz μ m) 4 - 7

**further embossings upon request*

Colours Standard: white 1901 (wider tolerances)

Properties	Value	Unit	Test method
Thickness tolerances < 0,200 mm 0,200 – 0,400 mm > 0,400 mm	± 10 ± 7 ± 5	%	In accordance to DIN 53370 (95% of all measurements)
Density	1,42 \pm 0,02	g/cm ³	DIN EN ISO 1183-1:2004
Tensile impact strength	> 550	kJ/m ²	DIN EN ISO 8256
Tensile strength	> 42	N/mm ²	DIN EN ISO 527-1-3
Vicat softening point	74 \pm 2	°C	DIN EN ISO 306 procedure VST/B50 as pressed sheet
MD expansion due to heat <0,200 mm 0,200 – 0,400 mm > 0,400 mm	max. -15 max.-11 max.- 10	%	In accordance to DIN 53377 (140°C/10 min)
Surface tension	≥ 38 roll-sides ≥ 36 air-side	mN/m (dynes/cm)	In accordance to DIN ISO 8296:2008-03 measured with inks (pens)

Processing advice:

To avoid static, the film should be processed at room temperature of 20 to 23°C and a relative humidity between 50 – 60 %.

Storage condition

We recommend storing in original packaging at room temperature below 30°C not directly exposed to sun light and humidity. After transport and storage in cold temperature, acclimatisation of 1 hour per cm reel diameter or stacking height is necessary.