

Rigid PVC-film: **Pentaprint PR M480/09**

Colour: **07/8102 - white opaque**
09/8102 - white opaque

Surface: **482D8 – fine matt / fine matt**
corona treated on both sides

Regarding the heavy metal limits these calendered rigid PVC films meet the requirements of the EC directive 94/62/EC and their supplements 99/42/EC, 99/177/EC, 2004/12/EC and 2005/20/EC.

Specific properties:

- medium impact strength
- suitable for screenprinting
- good chemical resistance

Properties	Standard	Value	Unit	Remarks
Thickness	DIN 53370 ISO 4593	140 – 500	mic	tolerances: ± 10 % (≤ 200 mic) ± 7 % (> 200 ... 400 mic) ± 5 % (> 400 mic)
Density	DIN EN ISO 1183-2	1,38 ± 0,04 1,43 ± 0,04	g/m ²	for colour 07/8102 (401 ... 500 mic) for colour 09/8102 (140 ... 400 mic)
Tensile strength - depends on thickness	DIN EN ISO 527-7	≥ 42	N/mm ²	test speed V (50 mm/min); measured lengthwise
Tensile impact strength	DIN EN ISO 8256	≥ 450	kJ/m ²	measured lengthwise
VICAT-softening point	DIN EN ISO 306	75 ± 2	°C	measured in oil, method B/50
Shrinkage - <i>longitudinal</i> - <i>transverse</i>	DIN 53377	 max. - 10 max. - 8 max. ± 2	%	storage in heated cupboard, at 140 °C/10 min (≤ 200 mic) (> 200 mic)
max. Temperature load withour remaining shrinkage		+ 55	°C	
Cold break temperature	DIN EN 1876-2	- 15	°C	drop hammer method
Surface tension	DIN ISO 8296	≥ 42	mN/m	measured with test inks
Surface reflexion		10 – 35	GE	measuring angle 85°
Surface roughness – RZ	DIN 4768	6 ± 2	mic	masured with Perthometer, length 15 mm

All details in this data sheet are based on our present technical knowledge.
They neither guarantee certain characteristics of products nor their suitability for a particular application.