

Rigid-film: **PENTAPRINTPRM923/19**
 Colour: **09/8200 –whiteopaque**
 Surface: **582_8 -finematt/increasedmatt**

This calendered rigid film on a basis of an ABS -blend is produced with out plasticizers. Regarding the heavy metal limits it meets the requirements of the EC directive 94/62/EC and their supplements 99/42/EC and 99/177/EC.

Specific properties:
 -improved heat stability
 -suitable for screen printing and UV -offset
 -good chemical resistance

Properties	Standard	Value	Unit	Remarks
Thickness	DIN 53370 ISO 4593	150 –800	mic	tolerances: ±10 % (≤200mic) ±7% (201...400mic) ±5% (>400mic)
Density	DIN EN ISO 1183-2	1,32 ±0,02	g/m ²	incl. colour 09/8200
Tensile strength -depends on thickness	DIN EN ISO 527-3	≥45	N/mm ²	test speed V (50mm/min); measured lengthwise
Tensile impact strength	DIN EN ISO 8256	≥300	kJ/m ²	measured lengthwise
VICAT-softening point	DIN EN ISO 306	83±2	°C	measured in oil, method B/50
Shrinkage -longitudinal -transverse	DIN 53377	max. -20 max. ±4	%	storage in heated cupboard, at 140°C/10min
Max. temperature load without remaining change of size		+65	°C	
Surface tension	DIN ISO 8296	≥36	dyn/cm	measured withinks
Surface reflexion		<15	GE	measuring angle 85°
Surface roughness -RZ	DIN 4768	6 ±2	mic	both sided, measured with Perthometer M4P, Lt 2,5= measuring length 15mm

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.