

RigidPVC -film: **PENTAPRINTPRM180/23**
 Colour: **51/9400 -glassclearbluish**
51/9500 -glassclearbluish
71/9400 -glassclearcolourneutral
 Surface: **100_0 -glossy/glossy**

ThiscalenderedrigidPVCfilmsareproducedwithoutplasticizers.Regardingtheheavymetal limits they meet the requirements of the EC directive 94/62/EC and their supplements 99/42/ECand99/177/EC.

Thefilmsareinconformity withtheGermanConsumerArticlesOrdinanceof23.12.1997and the EC -Directive 2002/72/EC (replaces 90/128/EC) The rigid PVC -films are also correspondingtothedirectivesoftheGermanBfR, recommendationsII, IXandLII. Residual VC-monomercontent<0,5 ppm (inconformitywiththeEU -directive78/142/EEC,annexI) .

Specificproperties: -highimpactstrength
 -suitableforscreenprintingandUV -offset
 -goodchemicalresistance

Properties	Standard	Value	Unit	Remarks
Thickness	DIN53370 ISO4593	80 -800	µm	tolerances: ±10%(≤200µm) ±7%(>200...400µm) ±5%(>401...800µm)
Density	DIN ENISO 1183-2	1,34±0,02	g/m ²	incl.pigmentation
Tensilestrength -dependsonthickness	DINENISO 527-3	≥45	N/mm ²	testspeedV(50mm/min); measuredlengthwise
Tensileimpactstrength	DINENISO 8256	≥550	kJ/m ²	measuredlengthwise
VICAT-softeningpoint	DINENISO 306	74±2	°C	measuredinoil,methodB/ 50
Shrinkage	DIN53377		%	storageinheatedcupboard, at140°C/10min
-longitudinal		max. -15 max. -7 max. -5		(≤100µm) (101...200µm) (>200µm)
-transverse		max. ±4 max.±2		(≤100µm) (>100 µm)
Max.temperatureloadwithout remainingchangeofsize		+55	°C	
Coldbreaktemperature		-25	°C	drophammermethod
Surface tension	DINISO 8296	≥34	mN/m	measuredwithtestinks
Surfacereflection		>100	GE	measuringangle20°C

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