

RigidPVC -film: **PENTAPRINTPRM280/90**

Colour: **51/8800 -transparentbluish**
51/9400 -transparentbluish
51/9500 -transparentbluish
71/9400 -transparentcolourless

Surface: **674K2 -embossed/glossy**
884K6 -embossed/finematt

ThiscalenderedrigidPVCfilmsareproducedwithoutplasticizers.Regardingtheheavymetallimitsthey meettherequirementsoftheECdirective94/6 2/ECandtheirsupplements99/42/ECand99/177/EC.

- Specificproperties:
- mediumimpactstrength
 - suitableforscreenandoffsetprinting,UV -drying
 - embossed on one side, scratch proofed surface, suitable for mouse-pads
 - goodchemicalresistance

Properties	Standard	Value		Unit	Remarks
Thickness	DIN53370 ISO4593	150 -800		µm	tolerances: ±10%(≤200µm) ±7%(201...400µm) ±5%(>400µm)
Density	DINENISO 1183-2	1,33±0,02		g/m ²	incl.pigmenta tion
Tensilestrength dependsonthickness	DINENISO 527-3	≥45		N/mm ²	testspeedV(50mm/min); measuredlengthwise
Tensileimpactstrength	DINENISO 8256	≥450		kJ/m ²	measuredlengthwise
VICAT-softeningpoint	DINENISO 306	74±2		°C	measuredinoil,method B/50
Shrinkage <i>-longitudinal</i> <i>-transverse</i>	DIN53377	max. -10 max.±2		%	storageinheatedcupboard, at140°C/10min
max.Temperatureload withoutremainingshrinkage		+55		°C	drophammermethod
Coldbreaktemperature	DIN53372	-15		°C	drophammermethod
Surfacetension	DINISO 8296	≥34		mN/m	measuredwithtestinks
Surfacereflection		674K2 20 -30 40 -60	884K6 <15 10 -30	GE	measureangle85° embossedside otherside
Surfaceroughness -RZ onembossedside	DIN4768	10 -15	12 -15	µm	measuredwith PerthometerM4PLt2,5= measuringlength15mm

Alldetailsinthisdatasheetarebasedonourpresenttechnicalknowledge.
Theyne itherguaranteecertaincharacteristicsofproductsnortheirsuitabilityforaparticularapplication.