

Perfect Dot® MX

Perfect Dot® MX was launched to the industry at Drupa 1990, and has been constantly modified over the years according to the changing requirements of high quality sheetfed printing.

Due to its good ink transfer properties, excellent dot sharpness and a controlled dot gain in the mid-tones Perfect Dot® MX succeeded with printing machine manufactures and leading printing plants all around the world.

The base for these properties is the selection of specially produced fabrics and a compressible layer with closed micro-structure.

Experts appreciate these quality characteristics.

Users' advantages

- Optimal ink transfer
- Controlled dot gain
- High quality solids
- Low sinkage factor
- Premium quality

Range of application

- In conventional high quality sheetfed:
for paper and for premium carton



Surface structure
Perfect Dot® 4-MX

Product data Perfect Dot® MX

Parameter	Test method	Measuring unit	typ. Value
Surface roughness DIN 4768			
■ Ra	mechanical measuring system	µm	0.6
■ Rz	mechanical measuring system	µm	4.0
Hardness DIN 53505			
■ Top layer		IRHD-micro	65
■ Total		Shore-A	80
Thickness ISO 4593:1993			
		mm	1.95
Tensile strength			N/50 mm >4000
Stretch ISO 12636-4.2			
■ at 500 N/50 mm		%	0.8
■ at 1000 N/50 mm		%	1.4
Compressibility ISO 12636-4.5			
■ 1 st cycle		%	9.0
■ 5 th cycle		%	9.3
Printing pressure			
■ at 0.10 mm impression		N/cm ²	77
■ at 0.20 mm impression		N/cm ²	142

Colour of top layer: **green**

Surface: finest grinding