

Steadygrid[®] PET

PRODUCT DATA SHEET

Typical Properties	Test method*	Unit	Product Grade				
			Steadygrid PET 60/60	Steadygrid PET 80/80	Steadygrid PET U80/40	Steadygrid PET U120/40	Steadygrid PET U200/40
			Value	Value	Value	Value	Value
Raw material	-	-	PET				
Tensile strength, md / cmd*	EN ISO 10319 / ASTM D6637	kN/m	≥ 60 / ≥ 60	≥ 80 / ≥ 80	≥ 80 / ≥ 40	≥ 120 / ≥ 40	≥ 200 / ≥ 40
Elongation at nominal strength, md / cmd*	EN ISO 10319 / ASTM D6637	%	≤ 7%	≤ 7%	≤ 7%	≤ 7%	≤ 7%
Tensile strength at 1% elongation, md / cmd*	EN ISO 10319 / ASTM D6637	kN/m	≥ 12 / ≥ 12	≥ 16 / ≥ 16	≥ 16 / ≥ 8	≥ 24 / ≥ 8	≥ 40 / ≥ 8
Tensile strength at 2% elongation, md / cmd*	EN ISO 10319 / ASTM D6637	kN/m	≥ 24 / ≥ 24	≥ 32 / ≥ 32	≥ 32 / ≥ 16	≥ 48 / ≥ 16	≥ 80 / ≥ 16
Tensile strength at 5% elongation, md / cmd*	EN ISO 10319 / ASTM D6637	kN/m	≥ 48 / ≥ 48	≥ 64 / ≥ 64	≥ 64 / ≥ 32	≥ 96 / ≥ 32	≥ 160 / ≥ 32
Aperture size, md x cmd*	-	mm x mm	approx. 32 x 31	approx. 30 x 29	approx. 30 x 68	approx. 28 x 68	approx. 24 x 68
Roll dimensions, width x length	-	m x m	5.75 x 50	5.75 x 50	5.75 x 50	5.75 x 50	5.75 x 50

*md = machine direction, cmd = cross machine direction; **this test is performed by external laboratories and is not part of our regular quality control.

The listed technical values are guiding values, achieved in our laboratories and/or independent testing institutes.

Our products are subject to changes without prior notice.