



DC03+ZE

Mild steel grades for cold forming

Material no.	1.0347
according to	DIN EN 10152, Edition 08/03

Mechanical properties (transverse)

Yield strength $R_{eL}/R_{p0.2}$ in MPa
≤ 240
Tensile strength R_m in MPa
270–370
Total elongation A_{80} in %
≥ 24
Anisotropy r_{90}
≥ 1.3

Available dimensions

Thickness in mm	Width in mm
0.40 – 0.49	1,100 – 1,500
0.50 – 0.59	900 – 1,685
0.60 – 3.00	900 – 1,850

Surface Finishes

This steel grade is available with surface finishes A and B and 03 and 05 respectively: The mild and the isotropic steel grades can only be supplied by agreement with surface finish B and 05 respectively in widths >1.700 mm.

Chemical composition

(in percent by weight)

	min.	max.
C		0.1 %
P		0.035 %
S		0.035 %
Mn		0.45 %

The samples for the tensile test are taken at right angles to rolling direction unless the product width is opposed to this.