

EN 10139 EU standard

Low carbon steel grades for cold forming processes and deep drawing applications

Grade	Re (N/mm ²)	Rm (N/mm ²)	Al% (L=80)
DC01 A	-----	270/390	min 28%
DC01 LC	max 280	270/410	min 28%
DC01 C290	200/380	290/430	min 18%
DC01 C340	min 250	340/490	-----
DC01 C390	min 310	390/540	-----
DC01 C440	min 360	440/590	-----
DC01 C490	min 420	490/640	-----
DC01 C590	min 520	590/740	-----
DC01 C690	min 630	min 690	-----
DC03 A	-----	270/370	min 34%
DC03 LC	max 240	270/370	min 34%
DC03 C290	210/355	290/390	min 22%
DC03 C340	min 240	340/440	-----
DC03 C390	min 330	390/490	-----
DC03 C440	min 380	440/540	-----
DC03 C490	min 440		-----
DC03 C590	min 540	min 590	-----
DC04 A	-----	270/350	min 38%
DC04 LC	max 210	270/350	min 38%
DC04 C290	220/325	290/390	min 24%
DC04 C340	min 240	340/440	-----
DC04 C390	min 350	390/490	-----
DC04 C440	min 400	440/540	-----
DC04 C490	min 460	490/590	-----
DC04 C590	min 560	590/690	-----
DC05 LC	max 180	270/330	min 40%
DC06 LC	max 170	270/330	min 38%
DC07 LC	max 150	270/310	min 40%