

HIGH YIELD DEFORMED STEEL BARS

SPECIFICATION ASTM A615 GR 60

High yield deformed steel bars for concrete reinforcement in sizes 10-32 mm and 12 meter long are produced by quenching process for superior mechanical properties to specification ASTM A615 GR 60.

CHEMICAL COMPOSITION %

	C	Si	Mn	P	S
As specified	-	-	-	max 0.060	-
Guaranteed by EISF	max 0.30	max 0.40	max 1.00	max 0.050	max 0.050

MECHANICAL PROPERTIES

	Yield Stress (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (%)
As specified	min 414	min 621	min 7-9
Guaranteed by EISF	min 500	min 640	min 12

BAR DIMENSIONS

Nominal Diameter (mm)	Nominal Weight (kg/m)	No. of 12m long bars/2 ton bundle
10	0.616	270
12	0.888	188
14	1.208	138
16	1.579	106
18	1.998	84
20	2.466	68
22	2.984	56
25	3.854	44
28	4.834	34
32	6.313	26

Bundles are secured with 4-6 equidistant straps with 5.5 mm wire.

BAR TOLERANCES

* Bar length and wt./m. tolerances as per specification.

BAR MARKINGS

