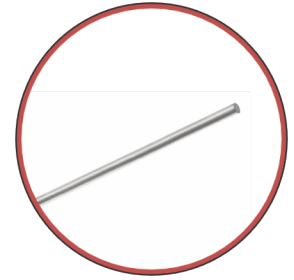


EK SPEC 220

Al-wire, Hard



1 Dimensions

Dimensions: Ø 2.65 - Ø 7.10 mm

2 Tolerance of dimensions

Diameter	Tolerance
Ø 2.65 – Ø 2.99	± 0,03
Ø 3.00 – Ø 7.10	± 1%

Other tolerances can be made by agreement.

3 Form of delivery

Packing	Approx Capacity (kg)
Förpackning	
DIN 630	145
Octabin	600

Other forms of delivery and types of package can be made by agreement.

4 Requirements

Aluminium EN AW-1350 or -1370 according to EN 573-3

Density: 2,703 g/cm³

Resistivity: max 28,265 nΩm

Wire diameter (mm)	Tensile Strength Min. (N/mm ²) ¹⁾	Elongation Min. (%)
2,50 - 2,75	150	1,5
2,76 - 3,00	145	1,6
3,01 - 3,50	140	1,7
3,51 - 4,00	140	1,8
4,01 - 4,50	130	1,9
4,51 - 5,25	130	2,0
5,26 - 6,50	125	2,2
6,51 - 7,00	120	2,3
7,01 -	115	2,5

¹⁾ The Tensile Strength is not according to ASTM.

5 References

SS-EN 573-3 Aluminium and aluminium alloys– Chemical compositions and plastic formed product types

ASTM B230M Aluminium 1350-H19 wire for electrical purposes

6 Miscellaneous

Production on reels (DIN 630) gives the following:

- Dimensions up to Ø 5,3 mm running with automatic spool change and the inner end is pulled out.
- Dimensions over Ø 5,3 mm is change manually, the inner end inserted into the hole in the center.

Author: Hill, Tony
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Approved by: Ciardi, Jonas
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