ICA India’s annual research provides granular insights on copper demand & supply

Year-on-year demand for copper increases by 7% in FY19

Consumer Durables and Transportation exhibited a higher growth in Copper Demand of 14% & 9% respectively. Overall Electrical Motors Demand grew at 24.4% p.a. from 18,160 MW to 22,549 MW. Corresponding Copper Demand in Electrical Motors in Tonnage Terms also grew at a higher growth rate of 35.2 % from 21.7 kT to 29.4 kT. The demand for air conditioners grew at 7% with growth in Copper usage at a 14% from 53.7 kT in FY18 to 61 kT in FY19. The main cause for this decline is the curtailment in power off take by several states in the southern part of the country.

**Summary of Copper Demand – Sectorwise**

- **Renewables**: 20 kT
- **General Engineering**: 45 kT
- **Construction**: 102 kT
- **Transportation**: 124 kT
- **Electrical**: 600 kT
- **Consumer Durables**: 115 kT

*Source: StratWon Analysis*

Almost 24% of total Copper demand is met through Recycled Copper

**Electrical sector applications account for ~52% of the total Copper demand of 1,159 KT**

Wire mill accounts for ~56% of the total demand for Copper by form

**Wires and Cables accounts for ~49% of total Electrical products demand**

All values in KT *Cu and Brass Scrap are adjusted Cu Content

**Almost 24% of total Copper demand is met through Recycled Copper**

**Demand for Primary Copper vs. Secondary Copper (FY19) in KT**

- Primary Copper (76%): 279 KT
- Secondary Copper (24%): 880 KT

**Demand for Copper in Electrical Sector**

**1159 KT**

**FY19**