



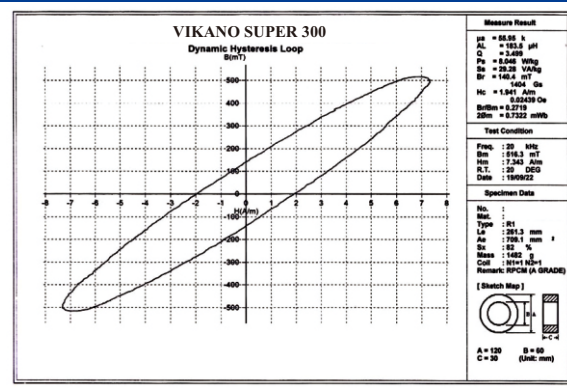
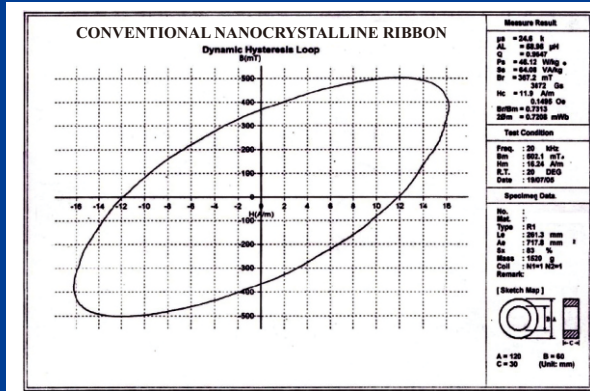
**Vikarsh Nano Technology  
& Alloys Pvt. Ltd.**

**INDIA'S ONLY COMPANY MANUFACTURING NANO CRYSTALLINE RIBBON**



**VIKANO SUPER 300 NANOCRYSTALLINE RIBBON**

## COMPARISON OF DYNAMIC HYSTERESIS LOOP AT 20KHz



### RAW MATERIAL SPECIFICATIONS :

Material Thickness : 30 microns( $\pm 2$  micron)  
Density: 7.25 kg/cm<sup>2</sup>  
Curie Temperature : 560°C  
Wattloss : 0.5 Tesla @ 20KHz  $\leq$  30 Watts/kg  
Remanence : 20KHz  $\leq$  0.3Tesla  
Ribbon width available : 5 MM TO 40 MM

### Advantages over Conventional Nanocrystalline Ribbon

1. Low remanence leads to very low inrush current
2. Very low watt losses @20KHz or higher frequency saves Huge electrical energy
3. Smaller equipment size & weight

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