

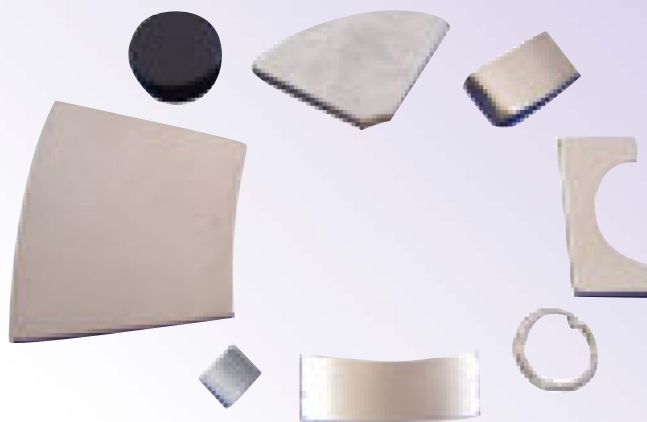


# Ningbo Realpower Magnetic Industry Co.,Ltd.

## .SAMARIUM COBALT

### Samarium Cobalt

Materials include both Rare-Earth Magnets and Non-Rare-earth Magnets. Rare-Earth Magnets are of higher performance while Non- Rare-Earth Magnets are of cheaper price. Real magnetic always tries to provide its customers appropriate materials according to their actual requirements.



### Specifications For SAMARIUM COBALT

| Grade                  | Remanence (Br) | Coercivity (bHc) | Intrinsic Coercivity (iHc) | Max. Energy Product (BH)max. | Max. Operating Temperature (°C) | Density (g/cm <sup>3</sup> ) |
|------------------------|----------------|------------------|----------------------------|------------------------------|---------------------------------|------------------------------|
| S17 (1:5)<br>(Sm,Pr)Co | 8.2KGs         | 7.5Koe           | 15.0Koe                    | 16~18MGOe                    | 250°C                           | 8.2                          |
| S19 (1:5)<br>(Sm,Pr)Co | 8.5KGs         | 7.8Koe           | 15.0Koe                    | 18~20MGOe                    | 250°C                           | 8.2                          |
| S22 (2:17)<br>Sm       | 9.0KGs         | 8.0Koe           | 15.0Koe                    | 20~22MGOe                    | 250°C                           | 8.2                          |
| (Co,Cu,Fe,Zr)          |                |                  |                            |                              |                                 |                              |
| S22H (2:17)<br>Sm      | 9.0KGs         | 8.0Koe           | 18.0Koe                    | 20~22MGOe                    | 250°C                           | 8.2                          |
| (Co,Cu,Fe,Zr)          |                |                  |                            |                              |                                 |                              |
| S24 (2:17)<br>Sm       | 9.5KGs         | 8.5Koe           | 15.0Koe                    | 22~24MGOe                    | 300°C                           | 8.3                          |
| (Co,Cu,Fe,Zr)          |                |                  |                            |                              |                                 |                              |
| S24H (2:17)<br>Sm      | 9.5KGs         | 8.5Koe           | 18.0Koe                    | 22~24MGOe                    | 350°C                           | 8.3                          |
| (Co,Cu,Fe,Zr)          |                |                  |                            |                              |                                 |                              |
| S26SH (2:17)<br>Sm     | 10.0KGs        | 9.0Koe           | 20.0Koe                    | 24~26MGOe                    | 350°C                           | 8.3                          |
| (Co,Cu,Fe,Zr)          |                |                  |                            |                              |                                 |                              |
| S28 (2:17)<br>Sm       | 10.5KGs        | 9.5Koe           | 15.0Koe                    | 26~28MGOe                    | 300°C                           | 8.3                          |
| (Co,Cu,Fe,Zr)          |                |                  |                            |                              |                                 |                              |
| S28H (2:17)<br>Sm      | 10.5KGs        | 9.5Koe           | 18.0Koe                    | 26~28MGOe                    | 350°C                           | 8.3                          |
| (Co,Cu,Fe,Zr)          |                |                  |                            |                              |                                 |                              |
| S28SH (2:17)<br>Sm     | 10.5KGs        | 9.5Koe           | 20.0Koe                    | 26~28MGOe                    | 350°C                           | 8.3                          |
| (Co,Cu,Fe,Zr)          |                |                  |                            |                              |                                 |                              |
| S30 (2:17)<br>Sm       | 10.8KGs        | 10.0Koe          | 15.0Koe                    | 28~30MGOe                    | 300°C                           | 8.3                          |
| (Co,Cu,Fe,Zr)          |                |                  |                            |                              |                                 |                              |