

# LY POWDER



## LAP100.29Mo2



APPLICATION

LAP100.29Mo2 is widely used for the production of Sintered PM parts require high heat treatment performance.

SPECIFICATION

| Chemical Properties (%)        | Unit  | Specification |       |
|--------------------------------|-------|---------------|-------|
|                                |       | Min           | Max   |
| C                              | %     |               | 0.01  |
| Si                             | %     |               | 0.05  |
| Mn                             | %     |               | 0.15  |
| P                              | %     |               | 0.02  |
| S                              | %     |               | 0.015 |
| Mo                             | %     | 0.80          | 1.00  |
| Physical Properties            |       |               |       |
| Apparent density               | g/cm3 | 2.90          | 3.15  |
| Flow rate                      | s/50g |               | 28    |
| Green density 600Mpa           | g/cm3 | 7.00          |       |
| Particle size distribution (%) |       |               |       |
| 180-212um                      | %     |               | 1     |
| 150-180um                      | %     |               | 10    |
| 45-150um                       | %     |               |       |
| -45um                          | %     | 10            | 30    |