



ORBITALA
who dares wins

Single Base Powder 12/1-270

PRODUCT: Single Base Powder 12/1-27

- Smokeless powder / Yellow tubular solid
- Nitrocellulose (NC) as main energetic material, Diphenylamine (DPA)
- suitable for full charge 122mm howitzer gun D30
- UN Number: UN 0161
- CAS No. : Mix

CHARACTERISTICS:

| Description | Unit | Content |
|--------------------------------|------|-----------|
| Total volatility | % | ≤4.5 |
| External volatility | % | 1.0-1.8 |
| DPA | % | 1.0-2.0 |
| Internal volatility | % | ≥ 1.2 |
| Average web | mm | 1.10-1.25 |
| Average diameter of hole | mm | 2.4-2.8 |
| Average length | mm | 258~270 |
| Chemical stability at 134.5 °C | min | ≥40 |

| Ballistic Specifications | | |
|--|-----|-----|
| Average velocity | m/s | 690 |
| Average chamber pressure per set, MPa Pm | MPa | 250 |
| Total weight | g | 200 |