



ORBITALA
who dares wins

Single Base Powder 3/1C

PRODUCT: Single Base Powder 3/1C

- Smokeless power / Black granules solid
- Nitrocellulose (NC) as main energetic material, Diphenylamine (DPA), camphor and graphite.
- suitable for rifle 7.62x54 mm
- UN Number: UN 0161
- CAS No. : Mix

CHARACTERISTICS:

Description	Unit	Content
Total volatility	%	≤3.2
External volatility	%	1.0-1.8
DPA	%	1.0-2.0
Internal volatility	%	≥ 0.7
Camphor	%	≤1.8
Graphite	%	≤0.28
Average web	mm	0.29-0.34
Average diameter of hole	mm	0.1-0.2
Average length	mm	1.6-2.0
Chemical stability at 134.5 °C	min	≥40

Ballistic Specifications		
Min. bore pressure	MPa	≥ 245.5
Max. bore pressure	MPa	≤274.6
Average bore pressure	MPa	≤294.2
Average muzzle velocity	m/s	830
Total charge	g	≈ 3.0