



ORBITALA  
*who dares wins*

## Double Base Propellant for 122mm Rocket

### PRODUCT: Double Base Propellant for 122mm Rocket

- Solventless double base propellant / Brown tubular solid
- Nitrocellulose (NC), Nitroglycerine (NG), Dinitro toluene (DNT), Centralite II, lead Oxide, calcium carbonate, Zinc Stearate and Vaseline
- suitable as rocket motor propellant for 122mm
- UN Number: UN 0161
- CAS No. : Mix

### CHARACTERISTICS:

Description	Front	Rear
Inner diameter, mm	24.5±1.0	13.5±1.0
Outer diameter, mm	101-103.5	91-93.5
Heat of explosion, kJ/kg	3554±33	
Chemical stability Methyl violet test at 120°C, min	≥40	
Length after inhibition	893~900	
One set	20.6±0.2	
Weight kg	11.2±0.3	9.4±0.3
Moisture, %	≤0.7	

Ballistic Specifications		
High temperature test +50±2 °C	Max. chamber pressure of copper cylinder single round MPa	≤20.1
	average chamber pressure of copper cylinder single round MPa	≤18.1
	Pressure fluctuation of copper cylinder	±12%
	First pressure peak of p-t curve MPa	≥13.7
Low temperature test -40±2 °C	Charge to be burnt continuously	