

BOOSTERS

TECHNICAL SPECIFICATION

1. **Destination:** BOOSTERS are used for the initiation of the main charges made of explosive mixtures or gels, charges which are used at the blasting workings in quarries, mines, etc. The blasting workings can be performed in conditions of moisture (water infiltration) or under water.

2. **Technical characteristics:**

- detonation velocity, m/s	7,000
- density, g/cm ³	1.64
- detonation pressure, kbar	200.9
- shattering power, mm	19
- water resistance	total
- utilization temperature, °C	-60 ÷ +60

Type of booster	weight g	height mm	diameter mm	diameter of cord channel, mm	cap well diameter, mm	cap well depth, mm
3/4 1b	340±3%	115±1.5	51±1.5	7.95±0.79	7.95±0.79	88.5±1.0
11b	450±3%	115±1.5	57.5±1.5	7.95±0.79	7.95±0.79	88.5±1.0
21b	908±3%	127±1.5	77.5±1.5	7.95±0.79	7.95±0.79	88.5±1.0

3. **Packing:**

The boosters are packed in labelled cardboard boxes of different dimensions according to boosters dimensions. The boosters are arranged in layers which are separated by cardboard sheets.