

# BP BOOSTER

## 5/50, 7,5/50, 10/50, 10, 15, 17

The boosters are designated for initiating industrial explosives, particularly to carry out blasting operations on the surface in non-explosive environment.

Boosters are cylindrical shaped with a diameter of 50 mm or 63 mm. They contain central hole running through whole booster (diameter of 10 mm) and one pocket for the detonator (diameter of 7.8 mm).



### TECHNICAL PARAMETERS

Parameter	Unit	Value
Oxygen balance	%	- 55
Explosion products volume	dm <sup>3</sup> .kg <sup>-1</sup>	600
Explosion heat	kJ.kg <sup>-1</sup>	3 000
Explosion temperature	°C	2 500
Sensitivity to the impact hammer	J	min 5
Density	g.cm <sup>-3</sup>	1.5-1.7
Thermal stability	48 hours	without reaction
Detonation velocity	m.s <sup>-1</sup>	7 000
Resistance to hydrostatic pressure		0.3 MPa/24 hours
Initiation sensitivity		standard detonator No 8

### DIMENSIONS AND PACKING

Parameter	BP Booster 5/50	BP Booster 7,5/50	BP Booster 10/50	BP Booster 10	BP Booster 15	BP Booster 17
Length [mm]	175	265	350	210	320	370
Diameter [mm]	50	50	50	63	63	63
Weight [kg]	0.5	0.75	1	1	1.5	1.7
Pcs in a box	48	32	24	24	15	15
Pcs on the palette	1 440	960	720	720	450	450