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TECHNICAL DATA SHEET

PRODUCT: BULK EMULSION - UNDERGROUND (E1000UG) - GASED

Bulk Underground Gassed is booster sensitive and used as the horizontal or anti gravity charge in various blasting application. It works remarkably well for wet and wet/dry blast-holes in tunnelling and under ground project with its excellent water resistance.

Product Properties

Description	E1000UG (gassed)
Bulk Blend Density (g/cc)	0.95 – 1.25
Minimum diameter (mm)	40
Water Resistance	Excellent
Velocity of Detonation (m/s, approx)	4,500
Sleep Test	7 Days
Energy (MJ/kg) ¹	3.2
Relative volume strength (ANFO = 100) ¹	108

Bulk Underground can be effectively primed with EMULEX® E100 or E150 in not smaller than 25 mm diameter chub. The booster diameter and total number of boosters will vary with the rock formation and size of boreholes.

Note: 1. Calculation based on thermodynamic properties.

Sensitising System

Acid solution	Diluted solution of acetic acid
Gassing emulsion	Diluted solution of sodium nitrite

Note: Gassed density 0.90 – 1.0 g/cc within 5min