

DATA SHEET

POLADYN 31ECO

PROPERTIES:

Parameters:	POLADYN 31ECO
Oxygen balance [%]	4,8
Heat of explosion [kJ/dm ³]	3 973
Concentration of energy [kJ/dm ³]	5 364
Volume of post-blasting gases [dm ³ /kg]	883
Specific energy [kJ/kg]	1 001
Consistence	plastic
Density [g/cm ³]	1,40 ± 0,14
RWS [%Hx], minimum	80
Detonation speed, minimum [m/s]	>2 000 m/s (Ø25÷32 mm) >4 000 m/s (>Ø 32 mm)

STORAGE & PACKING CONDITIONS:

Storage temperature	from 5°C to 30°C
Application temperature	from - 20°C to 50°C
Warranty period	12 months (cartridges in paper and PE foil) 18 months (cartridges in plastic tubes)

CLASSIFICATION:

UN number	0081
Class	1
Classification code	1.1 D