



## TENAGA KIMIA SENDIRIAN BERHAD (26191A)

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## TECHNICAL DATA SHEET

**PRODUCT:** EMULSION HIGH EXPLOSIVE (CARTRIDGE)  
**BRAND:** EMULEX<sup>®</sup>  
**SERIES:** EMULEX<sup>®</sup> 400  
**SIZE (mm):** 25, 32

### Product Specification

Grade / Series	Density (g/cc)	Detonation Velocity (m/s)*	Explosion Energy (MJ/kg)**	Bulk Strength (% Rel ANFO)	Water Resistance	Cap Sensitive	Fume Class
Emulex <sup>®</sup> 400	1.10 - 1.25	4,500 - 5,000	2.98	109	Excellent	No. 8 / Cord	1

### Package Specification

Grade / Series	Dimension Size (mm)	Type of Cartridge	Cartridge Weight (Approx. kg)	Case Weight (Approx. kg)
Emulex <sup>®</sup> 400	25 x 200	Plastic / Paper	0.12	25
	32 x 200	Plastic / Paper	0.193	25

### Explosive Formulation

Emulex<sup>®</sup> 400 is composed of the following materials in approximate percentage:

Ammonium Nitrate and Sodium Nitrate	:	73%
Water	:	9%
Fuel (Oil / Wax / Emulsifier)	:	5%
Sensitizer	:	5%
Aluminium Powder	:	5%
Sodium Chloride	:	

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