



## TENAGA KIMIA SENDIRIAN BERHAD (26191A)

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### Factory

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## TECHNICAL DATA SHEET

**PRODUCT:** EMULSION HIGH EXPLOSIVE (CARTRIDGED)  
**BRAND:** EMULEX®  
**SERIES:** EMULEX® 150  
**SIZE (mm):** 25, 32, 35, 50, 55, 60, 65

### 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® 150	1.12 - 1.24	4,500 - 5,400	4.08	143	Excellent	No. 8 / Cord	1

\* VOD of product is dependent on product properties and diameter design.

\*\* Energy value is calculated using a special design program. Calculation based on thermodynamic properties.

### Shelf Life

TK cartridged emulsion products have a recommended shelf life of 1 year when stored in a clean, dry, cool and well-ventilated magazine.

### Sleep Time

TK cartridged emulsion products' sleep time will be subjected to the recommended sleep time of the blasting agents or initiation systems that are used.

### Temperature Requirement

TK cartridged emulsion products functioned well in temperatures ranging from 0° to 50° C.



### Reactive Ground Conditions

EMULEX® 150 is not designed for use in reactive (pyritic) ground conditions.

### Package Specification

Grade / Series	Dimension Size (mm)	Type of Cartridge	Cartridge Weight (Approx. kg)	Case Weight (Approx. kg)
Emulex® 150	25 x 200	Plastic / Paper	0.12	25
	32 x 200	Plastic / Paper	0.193	25
	35 x 400	Plastic	0.45	25
	50 x 400	Plastic	0.96	25
	55 x 400	Plastic	1.25	25
	60 x 400	Plastic	1.32	25
	65 x 400	Plastic	1.56	25

### Disclaimer

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