Dipropylenetriamine (DPTA)

Dipropylenetriamine (DPTA), content 97 % min · RS-DPTA_97 · CAS 56-18-8 · Technical Data Sheet · RawSource · rawsource.com/product/dipropylenetriamine-dpta/

CAS NO.	PRODUCT CODE	PRODUCT TYPE
56-18-8	RS-DPTA_97	Aliphatic polyamine · epoxy curing agent

Dipropylenetriamine (DPTA) is a hardener supplied as a colorless to light yellow transparent liquid. It is a chemical intermediate and an organic polyamine with a structure like that of diethylenetriamine. The propylene-supported structure in its molecule can give the material better flexibility than that formed with diethylenetriamine.

DISTRIBUTED BY
RawSource Inc.
515 E Las Olas Blvd, Suite 1301, Fort Lauderdale, FL 33301
305-307-6515 · solutions@rawsource.com · rawsource.com
Product page: rawsource.com/product/dipropylenetriamine-dpta/
Request a quote: solutions@rawsource.com · 305-307-6515
Quote by RS code: RS-DPTA_97

GENERAL INFORMATION

Chemical name	Dipropylenetriamine
Molecular formula	$C_6H_{17}N_3$

TYPICAL PROPERTIES

Melting Point	-14 °C(lit.)	Density	0.92 – 0.96 g/cm³ @ 25 °C
Viscosity	15 mPa·s max @ 25 °C		

Typical values are representative of the product and are not specifications.

RELEASE SPECIFICATION

PARAMETER	SPECIFICATION	TYPICAL
Appearance	Colorless to light yellow transparent liquid	Conform
Content	97 % min	97.32 %
Color, APHA	30 max	5.48
Amine Value	1,200 mg KOH/g min	1,291 mg KOH/g
Moisture	0.50 % max	0.42 %

Each lot is released against this specification. Lot-specific results are reported on the Certificate of Analysis that ships with every delivery.

KEY FEATURES

- The propylene-supported structure can give the material better flexibility

APPLICATIONS

- Curing agent for epoxy coating
- Chemical intermediate
- Paper industry
- Sewage treatment industry

Applications are those stated for the product. Confirm suitability for each formulation by trials.

HANDLING REQUIREMENTS

- A nitrogen blanket is suggested for all storage, to reduce the effect of accidental exposure to high temperatures and to reduce the absorption of atmospheric moisture and carbon dioxide.

PACKAGING AND SHELF LIFE

- 190 kg steel drums
- 900 kg IBC
- bulk
- Shelf life: 12 months from production date.

The information in this Technical Data Sheet is provided for technical evaluation and is believed to be accurate as of the issue date. Typical values are representative and do not constitute a warranty. Binding specifications are those stated on the lot-specific Certificate of Analysis and in the sales contract. Users should verify suitability for their own process and regulatory requirements. Refer to the Safety Data Sheet before handling. Questions: solutions@rawsource.com.