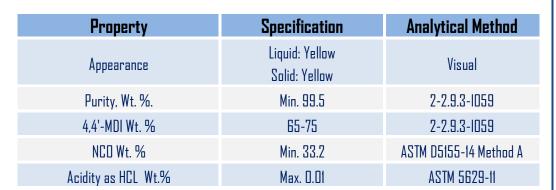
TECHNICAL DATA SHEET (TDS)

SD-PRE-010-00

KARUNATE TM

KM-70

Methylene diphenyl Di-Isocyanate (MDI), Ortho-MDI 30



⇒The current manufacturing technology of most isocyanates is based on the phosgenation of primary amines.

Application areas

KM-70 is commonly provides better flowability for the production of injection molding, manufacture:

- ✓ Elastomers used to produce adhesives, films and linings, and abrasive wheels and other mechanical items that require abrasion and solvent resistance
- ✓ Urethane sealants used in construction applications
- \checkmark substitute for TDI for production of flexible PU foam, which will reduce productive cost and environmental pollution and improve handling conditions
- ✓ Flexible foams used for the fabrication of bedding, furniture, automotive seating, flexible packaging and carpet underlay; this is the largest market application for MDI

Handling and storage conditions

Use only with adequate ventilation. Do not eat, drink, or smoke in working area. Never use welding/cutting torch near storage containers, even if empty, because even residual product can ignite explosively. Product must be stored as a liquid at 41°C to 45°C under a dry nitrogen blanket or as a solid below -15°C. For more information see table below.

Temperature (°C)	-18	-12	-5	10-35	41-45	>50
Storage Life Days	300	200	70	note *	30	note *

* Dimer formation increases significantly in these temperature ranges. So recommended to avoid these conditions.

Packing details

In 220 lit (225 kg Net.) new steel drum, each 4 drums strapped on a wooden pallet.

Licensor: Chematur Engineering (CEAB), Sweden.



Karun Petrochemical Company

Address:

Head office:

No.17,Khalilzadeh St., Vali-e-asr Ave., Vanak Sg., Tehran-Iran

Factory:

Site 2,Petrochemical Special Economic Zone (Pet zone), Bandare-Imam Khomeini, Iran.

10098 21 88786992-4

\$\Box\$0098 21 88677428

Web-site:

www.krnpc.ir

E-mail:

NDashti@krnpc.ir