

KMT-10™

A mixture of Polyol-modified Monomeric MDI, Polymeric MDI and TDI
(MDI-TDI Blend)



Karun Petrochemical Company

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| Property | Specification | Analytical Method |
|--------------------------------------|-------------------|------------------------|
| Appearance | Dark Brown liquid | Visual |
| NCO Wt. % | 28-30 | ASTM D5155-14 Method A |
| Acidity as HCl Wt.% | Max. 0.03 | ASTM 5629-11 |
| Viscosity at 25(°C) mPa.s | Max. 200 | ASTM D4889-15 |
| Specific Gravity at 25(°C) | 1.18-1.20 | ASTM D4659-14 |
| Isocyanate Equivalent Weight (gr/eq) | 137-148 | ASTM D5155-14 Method A |
| Hydrolysable chlorine Wt.% | Max. 0.1 | ASTM D4663-15 |

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

■ **Application areas**

KMT10 is commonly used to manufacture high resilience (HR) molded foam which used to fabricate the automotive seating, furniture, flexible packaging and carpet underlay

■ **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 at 20°C to 40°C.

Storage stability: The shelf life is 6 month since the date of production.

■ **Packing details**

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

■ **Licensor: Chematur Engineering (CEAB), Sweden.**