



Karun Petrochemical Company

KARUNATE™

KHR-45

**A mixture of Polyol-modified Monomeric MDI and Polymeric MDI
(MDI-Prepolymer)**

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-II
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)	140-150	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

KHR-45 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.