



ILCO CHEMIKALIEN

Alkylbenzene

Parameters	Standard grades			MTO			Heavy alkyl benzene sulfonic acid is manufactured by sulfonation of di-alkyl benzene with SO ₃ .	
	20 B	20 F	25 I	40 I branched	60 I branched	Branched		HABSA**
ILCO Lube	20 B	20 F	25 I	40 I branched	60 I branched	Branched		
CAS No.	84961-70-6	84961-70-6	84961-70-6					
Appearance [visual]	Clear liquid	Straw yellow liquid	Yellow-brown liquid	Clear liquid	Clear liquid	Clear liquid		Dark liquid
Specific Gravity 15,5°C ASTM D-1298 [g/m ³]	0,86-0,87	0,86-0,87	0,86-0,87	0,87	0,87	-	40 °C (g/ml)	1.02
ASTM Color ASTM D-1500	5,0 max.	2,5 max.	5 max.	0,3	0,6	1,5 max.	Sulfuric acid (% wt)	Max 1
Flash Point [°C]	180 min	186 min	190 min.	174	192	170 min.	Acid number (mg KOH/g)	Min 110
Water content [ppm]	100 max.	100 max.	100 max.	103	86	<160	Anionic active matter (% wt)	Min 90
Viscosity 40°C ASTM D-445 [cSt]	19-26	21,5 min.	25-30	40,77	63,5	35 min.	Molecular Weight (Dalton)	Min 470
							Un sulfonated matter (% wt)	Max 9
H Sätze	H304*							
GHS	GHS08							GHS08 + GHS05

*if viscosity is above 21,5 no classification

** mixture ingredients H290 H302 H 304 H312 H314 H318 H340 H350 H401

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