



Asia Petrochemicals LLC

Linear Alkyl Benzene

PRODUCT DESCRIPTION

Linear alkylbenzene (LAB), a basic petrochemical intermediate derived by alkylation of benzene starting from n-paraffins feedstock, is used to produce LAS (Linear Alkylbenzene Sulphonate).

Applications

Linear alkylbenzene sulfonates (LAS) for laundry detergents, light-duty dishwashing liquids, industrial cleaners, for household cleaners.

Packing: Drums, Flexi & Bulk

PROPERTY	TEST METHOD	SPECIFICATION	TYPICAL VALUE
Density at 15.6°C, gr/cm ³	ASTM D-4052-96	08575-0.8700	0.8602
Saybolt Color	ASTM D-156-00	+29 min	>+30
Bromine Index, mg Br 100gr of Sample	ASTM D-1492-87	10 max	2
Doctor Test	ASTM D-4952-97	Negative	Negative
Refractive Index at 20°C	ASTM D-1218-99	1.480-1.490	1.484
Total Normal Paraffin, wt%	UOP 698-93	0.05 Max	0.34
2-Phenyl Alkanes, wt%	UOP 698-93	20 Max	15.26
Linear Alkyl Benzene, wt%	UOP 698-93	92 Min	92.33
Carbon Distribution, wt% (Non normalized)	UOP 698-93		
< LAB 10		1 Max	0.85
LAB 10		15 Max	8.23
LAB 10 + LAB 11		33.51	41.11
LAB 12		22.34	29.92
LAB 13 + LAB 14		15.28	21.30
LAB 14		1 Max	0.11
> LAB 14		0.5 Max	0.41
Average Molecular Weight	UOP 698-93	238-244	241.2
* Sulfonatability, wt%	UOP 429-75	98 Min	99.0
* Tetralins, wt%	ECOSOL UOP-929-93	1 Max	<0.5
* Acid Wash Color, T%	EM 07203	15 Min	52.60

For further information please visit <http://www.asia-petrochem.com> or send an enquiry to info@asia-petrochem.com

Asia Petrochemicals LLC
PO Box 76283 Dubai UAE
T +971 4 2384533 F +971 4 2384534