



Data Sheet

IS 2.2.4A

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Product name	Hexane (polymerisation grade)
Description	<i>Hexane (polymerisation grade) is manufactured to the high standards required by the polymer industry. It contains about 50% n-hexane, with a similar content of other hexane isomers. Being made from hydrogenated feedstock, its aromatics and olefins content is very low.</i>
CAS Registry Number	64742-49-0
EINECS Number	265-151-9

Property	Unit	Test method	Typical Value
Density at 15°C	kg/L	ASTM D4052	0.675
Colour (Saybolt)		ASTM D156	+30
Initial boiling point	°C	ASTM D1078	65
Dry point	°C	ASTM D1078	69
n-Hexane	% m/m	G.C.	50
Cyclohexane	% m/m	G.C.	3
C ₆ total	% m/m	G.C.	>99
Aromatics	% m/m	DIN 51405	0.001
Benzene	mg/kg	DIN 51405	<10
Paraffins	%m/m		90
Naphthenics	% m/m		10
Sulphur content	mg/kg	SMS 1897	<0.5
Water content	%	ASTM D1744	<0.005

Bromine index	mgBr/100g	ASTM D1492	<5
Non-volatile matter	mg/100ml	ASTM D1353	<1
Copper corrosion, 3h/100°C		ASTM D130	1
Doctor test		ASTM D4952	negative

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