

N- HEXANE- Polymer grade (1)
CHARACTERISTIC

CHARACTERISTIC	UM	VALUE		TESTING REPORT
		Min.	Max.	
Appearance		Clear		Visual
Density at 15°C	kg/m3	663	690	SR EN ISO 12185-03 SR EN ISO 3675-02/C91:2005 ASTM D 4052-11 ASTM D 1298-12b
Distillation 5...95% (v/v)distil	°C	66	70	SR EN ISO 3405-11 ASTM D 86-12
Benzene content	ppm (weight)	-	70	ASTM D 6229-06(10)
n-hexane content	%(m/m)	51	-	ASTM D 5134-13
Cyclo hexane content	%(m/m)		2.2	Software DHA ASTM D 6730-01(11)
Bromine Index	mg Br/100g		100	ASTM D 5776-14a
Water content	ppm	-	50	SR EN ISO 12937-01/C91:2014 ASTM D 6304-07
Sulphur content	mg/kg	-	1	ASTM D 5453-12
Jisk reaction			Neutral	SS 101
Corrosion on copper blade (3h la 40°C)		-	1 a	SR EN ISO 2160-03 ASTM D 130-12
Non-volatile Matters	mg/100ml		1	ASTM D 1353-13

N-HEXANE- polymer grade (2)

CHARACTERISTIC	UM	VALUE		TESTING REPORT
		Min.	Max.	
DENSITY AT 15°C	g/cm ³	0.640	0.685	ASTM D 4052-11
DISTILLATION (IBP-FBP)	°C	63	70	ASTM D 86-12
BENZENE CONTENT	ppm vol.	-	100	ASTM D 6229-06(10)
AROMATICS	% wt		0.01	GC METHOD
N-HEXANE CONTENT	% wt	54	-	ASTM D 5134-13
CYCLOHEXANE	% wt	-	2	SOFTWARE DHA-ASTMD 6730-01(11)
METHYL CYCLOHEXANE	% wt	0.00		SOFTWARE DHA-ASTMD 6730-01(11)
C7+	% vol	-	5	SOFTWARE DHA-ASTMD 6730-01(11)
SATURATED HYDROCARBONS	% wt	99.97		SOFTWARE DHA-ASTMD 6730-01(11)
BROMINE NUMBER	mgBr/100g hexane		100	ASTM D 1159-07(12)
WATER CONTENT	mg/kg	-	50	ASTM D 6304-07
SULPHUR CONTENT	mg/kg	-	1	ASTM D 5453-12

N-HEXANE- food grade
CHARACTERISTIC

CHARACTERISTIC	UM	VALUE		TESTING REPORT
		MIN.	MAX.	
APPEARANCE	-	CLEAR		VISUAL
DENSITY AT 15°C	kg/m ³	663	690	SR EN ISO 12185-03 SR EN ISO 3675-02/C91:2005 ASTM D 4052-11 ASTM D 1298-12(b)
DISTILLATION 5...95% (V/V)DISTILL	°C	66	70	SR EN ISO 3405-11 ASTM D 86-12
BENZENE CONTENT	ppm(weight)	-	100	ASTM D 6229-06(10)
N-HEXANE CONTENT	%(m/m)	50	-	ASTM D 5134-13
BROMINE INDEX	mgBr/100g		100	ASTM D 2710-09(13)
WATER CONTENT	%(m/m)	-	0.02	SR EN ISO 12937-01 ASTM D 6304-07
SULPHUR CONTENT	mg/kg	-	1	ASTM D 5453-12
JISK REACTION	-		NEUTRAL	SS 101
CORROSION ON COPPER BLADE (3h AT 40°C)	-	-	1a	SR EN ISO 2160-03;ASTM 130-10