



MB Kimya

Petrochemical Co

About us:

MB Kimya is a certified and registered global commodities and petroleum products trading company based in Azerbaijan. We specialize in trading petrochemical products and hold registration number 1802828341. Our main business address is 3C, 32nd Zig Street, Zigh Stock House, Surakhani District, Baku, Azerbaijan.

This company has been able to compete in the sale of petrochemical and polymer products by focusing on the market in the CIS countries, which includes Turkey, Azerbaijan, and Uzbekistan

Among the products offered by MB Kimya Company, we can mention aromatics, chemical solvents, and light and heavy polymer materials.

Currently, this company has active representative offices in Turkey, the United Arab Emirates, and Uzbekistan.

MB Kimya Company believes that quality and competitive pricing are among the top priorities for our customers. In line with this, we strive to export our chemical products in the highest quality after conducting rigorous tests in specialized laboratories.



Content:

1 Chemicals:

1-1 Methyl Acetate 1-2 Mono Ethylene Glycol (MEG)
1-1 Isobutyl Acetate 1-3 Diethylene Glycol (DEG)
1-1 Normal Butyl Acetate

2 Aromatics:

2-1 Mixed Xylene 2-3 Ortho Xylene 2-5 Benzene
2-2 Para Xylene 2-4 Toluene

3 Polyethylene:

3-1 HDPE:	3-2 LLDPE:
-PE 100	-LLDPE 22
-7000F	

3C, 32nd Zig Street, Zigh Stock House, Surakhani District, Baku

Azerbaijan

+99 12 479 7404

www.mbkimya.az

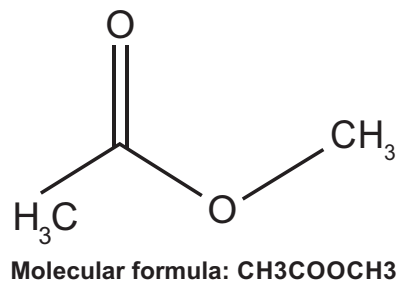
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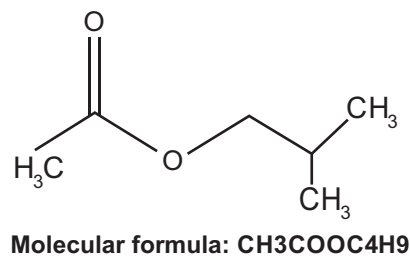
Methyl Acetate

No.	PARAMETER	UNIT	VALUE
1	Density @ 20°C	gr/cm ³	(Max) 0.91
2	Appearance	-	Clear, colorless liquid
3	Purity	Wt %	(Min) 85
4	Water content	Wt %	(Max) 0.05
5	Acidity (as Acetic Acid)	Wt %	(Max) 0.005



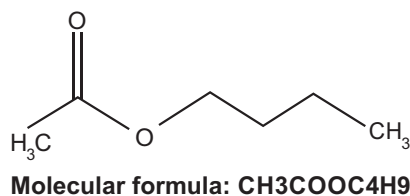
Isobutyl Acetate

No.	PARAMETER	UNIT	VALUE
1	Density @ 20°C	gr/cm ³	(Max) 0.87
2	Appearance	-	Clear, colorless liquid
3	Purity	Wt %	(Min) 99.5
4	Water content	Wt %	(Max) 0.05
5	Acidity (as Acetic Acid)	Wt %	(Max) 0.005



Normal Butyl Acetate

No.	PARAMETER	UNIT	VALUE
1	Density @ 20°C	gr/cm ³	(Max) 0.88
2	Appearance	-	Clear, colorless liquid
3	Purity	Wt %	(Min) 99.5
4	Water content	Wt %	(Max) 0.02
5	Acidity (as Acetic Acid)	Wt %	(Max) 0.002

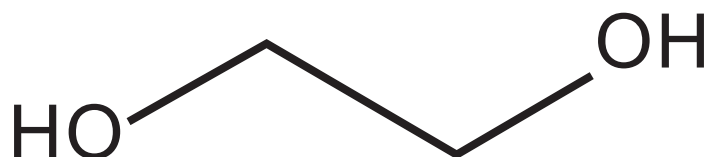




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Mono Ethylene Glycol (MEG)

No.	APPEARANCE	COLOURLESS, TRANSPARENT
1	Purity	99.8 wt % min
2	Color (Pt-Co)	5 max
3	DEG	0.08 wt% max
4	Water	0.08 wt % max
5	Specific Gravity, 20/20°C	1.1151-1.1156
6	Boiling Range at 0. 1013 Mpa	--
7	5% vol	min. 196°C
8	95% vol	max. 199°C
9	Aldehydes (as formaldehyde)	8 mg/ Kg max
10	Acidity (as acetic acid)	10 mg/Kg max
11	Iron (as Fe)	0.1 mg /Kg max
12	Inorganic Chlorides (as Cl)	0.05 mg/Kg max
13	Ash	50 mg/Kg max
14	UV Transmittance %	--
15	- 220 nm	80 min
16	-275 nm	95 min
17	-350 nm	99 min



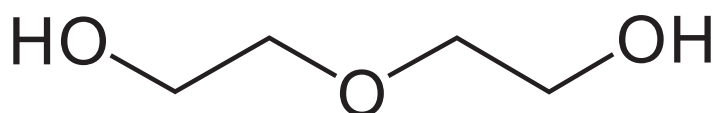
Molecular formula: C₂H₆O₂



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Diethylene Glycol (DEG)

No.	APPEARANCE	COLOURLESS, TRANSPARENT
1	Purity	99.8 wt % min
2	MEG	0.05 wt % max
3	TEG	0.05 wt% max
4	Water	0.05 wt % max
5	Color (Pt-Co)	10 max
6	Specific Gravity, 20/20°C	1.1175-1.1195
7	Boiling Range at 0.1013 Mpa	--
8	5% vol	min 242°C
9	95% vol	max 250°C
10	Acidity (as acetic acid)	50 mg/Kg max
11	Ash	50 mg/Kg max

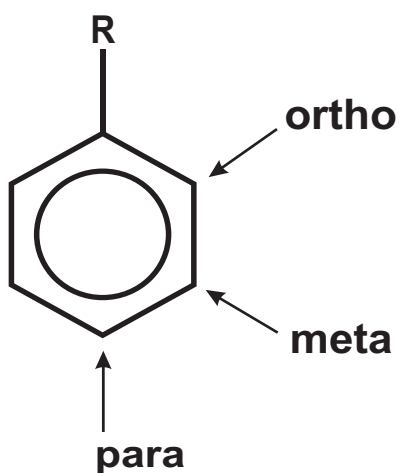


Molecular formula: C₄H₁₀O₃



Mixed Xylene

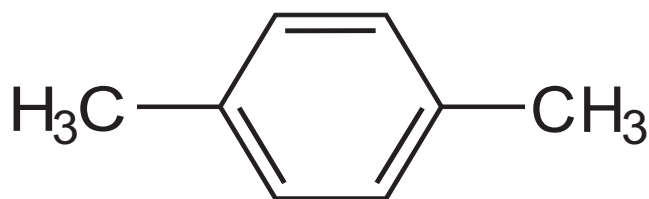
#	PROPERTY	SPECIFICATION VALUE	TEST METHOD
1	Non Aromatics wt. %	3.0 max.	ASTM D 2360-11
2	Distillation range °C at 760mm Hg	10 max.	ASTM D 850-02
3	Initial Boiling point °C at 760mm Hg	135 min.	ASTM D 850-02
4	Dry point °C at 760 mm Hg	145 max.	ASTM D 850-02
5	Appearance	Clear liquid free of sedimentation or haze at 18.3 to 25.6°C	VISUAL
6	Copper corrosion	pass (1a or 1b)	ASTM D 849-11
7	Color, Pt-Co scale	20 max. (expected value: 10)	ASTM D 1209-11
8	Acid wash color	6 max.	ASTM D 848-09
9	Acidity	None detected	ASTM D 847-08
10	Specific Gravity at 15.56 °C	0.865 - 0.877	ASTM D 4052-11
11	S02 / H2S	None detected	ASTM D 853-04
12	Vapor pressure (psi)	0.1	ASTM D 323-08



Molecular formula: C₈H₁₀

Para Xylene

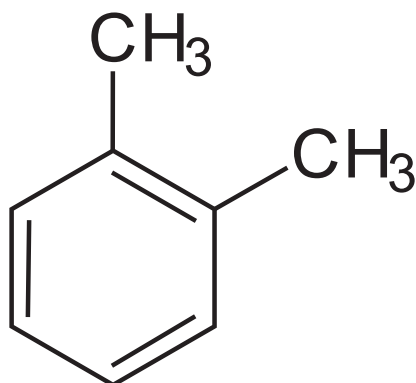
#	PROPERTY	SPECIFICATION VALUE	TEST METHOD
1	Purity wt. %	99.7 min	ASTM D 3798-03
2	Non Aromatics wt. %	0.1 max	ASTM D 3798-03
3	m-Xylene wt. %	0.2 max	ASTM D 3798-03
4	O-Xylene wt. %	0.1 max	ASTM D 3798-03
5	Ethylbenzene wt. %	0.3 max	ASTM D 3798-03
6	Toluene wt. %	0.1 max	ASTM D 3798-03
7	Appearance	Clear liquid free of sedimentation or haze at 18.3 to 25.6°C	VISUAL
8	Color, Pt-co scale	20 max (expected value: 10)	ASTM D 1209-11
9	Distillation range °c at 760 mm Hg	2.0 max including 138.3	ASTM D 850-02
10	Total Sulfur wt. ppm	1.0 max	ASTM D 4045-04
11	Specific Gravity at 15.56 °C	0.865 - 0.867	ASTM D 4052-11
12	Vapor pressure (psi)	0.3	ASTM D 323-08



Molecular formula: C₈H₁₀

Ortho Xylene

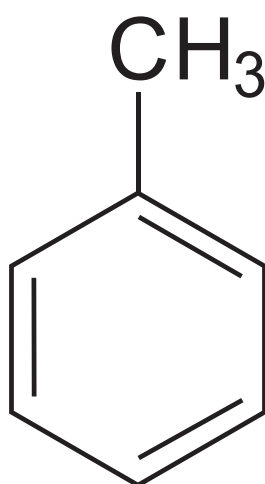
#	PROPERTY	SPECIFICATION VALUE	TEST METHOD
1	Purity wt. %	98.0 min (expected value:99)	UOP 744-86
2	Non Aromatics wt. %	0.5 max	ASTM D 2360-11
3	Benzene plus C9 and heavier aromatics wt. %	1.0 max	UOP 744-86
4	Ortho, Meta & Para Xylene plus Toluene plus Ethylbenzene wt. %	98.5 min	UOP 744-86
5	Distillation range °c at 760 mm Hg	2.0 max including 144.4	ASTM D 850-02
6	Total Sulfur wt. ppm	1.0 max	ASTM D 4045-04
7	Color, Pt-co scale	20 max (expected value: 10)	ASTM D 1209-11
8	Acidity	None detected	ASTM D 847-08
9	Hydrocarbon residue after evaporation wt. ppm	20 max	ASTM D 1353-13
10	S02 / H2S	None detected	ASTM D 853-04
11	Vapor pressure (psi)	0.3	ASTM D 323-08
12	Specific Gravity at 15.56 °C	0.88 - 0.89	ASTM D 4052-11



Molecular formula: C₈H₁₀

Toluene

#	PROPERTY	SPECIFICATION VALUE	TEST METHOD
1	Purity wt. %	99.9 min (expected value:99.98)	ASTM D 2360-11
2	Non Aromatics wt. %	0.1 max	ASTM D 2360-11
3	Benzene wt. %	0.03 max	ASTM D 2360-11
4	Distillation range °c at 760 mm Hg	1.0 max including 110.6	ASTM D 850-02
5	Appearance	Clear liquid free of sedimentation or haze at 18.3 to 25.6°C	VISUAL
6	Total Sulfur wt. ppm	1.0 max	ASTM D 4045-04
7	Copper corrosion	Pass (1a or 1b)	ASTM D 849-11
8	Color, Pt-co scale	20 max (expected value: 10)	ASTM D 1209-11
9	Acid wash color	2 max	ASTM D 848-09
10	Acidity	None detected	ASTM D 847-08
11	Specific Gravity at 15.56 °C	0.869 - 0.873	ASTM D 4052-11
12	S02/ H2S	None detected	ASTM D 853-04
13	Vapor pressure (psi)	1.1	ASTM D 323-08

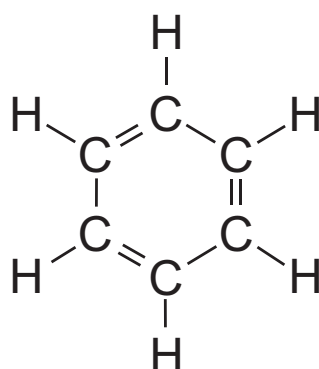


Molecular formula: C₇H₈



Benzene

#	PROPERTY	SPECIFICATION VALUE	TEST METHOD
1	Purity wt. %	99.90 min (expected value: 99.98)	ASTM D 4492-10
2	Non Aromatics wt. %	0.070 max	ASTM D 4492-10
3	Toluene wt. %	0.015 max	ASTM D 4492-10
4	Distillation range °c at 760 mm Hg	1.0 max including 80.1	ASTM D 850-02
5	Appearance	Clear liquid free of sedimentation or haze at 18.3 to 25.6°C	VISUAL
6	Total Sulfur wt. ppm	1.0 max	ASTM D 4045-04
7	Copper corrosion	Pass (1a or 1b)	ASTM D 849-11
8	Color, Pt-co scale	10 max (expected value: 5)	ASTM D 1209-11
9	Acid wash color	Pass with 1	ASTM D 848-09
10	Acidity	None detected	ASTM D 847-08
11	Specific Gravity at 15.56 °C	0.882 - 0.886	ASTM D 4052-11
12	S02 / H2S	None detected	ASTM D 853-04
13	Solidification point °C	5.45 min	ASTM D 852-08
14	Thiophene wt. ppm	0.6 max	ASTM D 5623-09
15	Vapor pressure (psi)	3.3	ASTM D 323-08





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PE 100

No.	TEST/COMPOSITION	VALUE	UNIT	TEST METHOD
1	Density	0.948	g/ml ³	IS01183
2	FRR 21.6/5	28	--	--
3	Hydrostatic Strength(80°C)	5000 (4.5N/mm ²)	h	IS01167
4	MFR190°21.6	6.2	g/10min	IS01133
5	MFR190°5	0.22	g/10min	IS01133
6	Notched Impact (23°C)	24	mJ/mm ²	IS0179/1eA

7000F

No.	TEST/COMPOSITION	TEST CONDITION	UNIT	TEST METHOD	VALUE
1	Melt Flow Index	(190 °C, 21.6 kg)	g/10min	ASTM D 1238-10	10 ± 1
2	Density	(25 °C)	g/cm ³	ASTM D 1505	1.05±0.05
3	Pellet Size	(25 °C)	Pieces/g	BCS Method	30-40
4	Moisture Content	(105 °C)	%	ASTM D6980	max 0.1



LLDPE 22

No.	TEST/COMPOSITION	VALUE	UNIT	TEST METHOD
1	Melt index (190°C/2.16kg)	1.8-2.2	g/10min	ASTM D1238
2	Density (23°C)	0.920-0.924	g/ml	ASTM D1505
3	F/E ratio	<30		ASTM D1238
4	Yellowness index	0.5		ASTM D1925
5	Ti content	2	Ppm wt	MTM 15636
6	Fish Eyes	60	Gels/m ²	MTM 17108
7	Haze	13	%	ASTM D1003
8	Gloss	90	%0	ASTM D2457
9	Dart impact	60	9	ASTM D1709
10	Tensile strength @ yield			
11	>TD	13	Mpa	ASTM D882
12	>MD	12	Mpa	ASTM D882
13	Tensile strength @ break			
14	>TD	38	Mpa	ASTM D882
15	>MD	40	Mpa	ASTM D882
16	Elongation @ break			
17	>TD	1000	%	ASTM D882
18	>MD	850	%	ASTM D882