

Toluene

Description:
COMMERCIAL NAME

Toluene

SYNONYMS

Methylbenzene, methylbenzol, toluol

ASPECT

Cororless liquid

PROPERTIES AND CHARACTERISTICS

- Aromatic hydrocarbon solvent;
- High purity solvent that has low concentration of aliphatic compounds.

Applications:

Adhesives, Thinners, Paints

Specification - Q1 BA:

Feature	Method	Units	Values
Acidity	ASTM D847	mg NaOH/100 ml	Free
Benzene	ASTM D7504	ppm volume	1000 max.
Color (Pt/Co)	ASTM D5386	-	20 max.
Color Acid Wash	ASTM D848	-	2 max
Copper Strip Corrosion	ASTM D849	-	1A/1B
Relative Density (20/4°C)	ASTM D4052	-	0,865 - 0,869
Non Aromatics	ASTM D7504	% mass	0,4 max.
Purity	ASTM D7504	% mass	99,5 min.
Thiophene	ASTM D7011	ppm mass	0,7 max.
Xylene + Ethylbenzene	ASTM D7504	% mass	0,1 max.
Distillation Range (at 760mmHg)	ASTM D850	°C	1 max. (temperature of 110,6°C included)

Specification - Q2 RS:

Feature	Method	Units	Values
1,4-Dioxane	ASTM D7504	ppm mass	Anotate
Acidity	ASTM D847	mg NaOH/100 ml	Free
Water	ASTM E203	ppm mass	250 max.

Feature	Method	Units	Values
Appearance	ASTM D4176/ASTM E284/ASTM E2680		Clean, clear and free of sediments
C8 Aromatic	ASTM D7504	ppm mass	1000 max.
Benzene	ASTM D7504	ppm mass	100 max.
Color (Pt/Co)	ASTM D5386	-	20 max.
Color Acid Wash	ASTM D848	-	Report
Copper Strip Corrosion	ASTM D849	-	1A/1B
Relative Density (20/4°C)	ASTM D4052	-	0,865 - 0,870
Non Aromatics	ASTM D7504	ppm mass	5000 max
Purity	ASTM D7504	% mass	99,5 min.
Distillation Range (at 760mmHg)	ASTM D850	°C	1 max. (temperature of 110,6°C included)

Specification - Q3 SP:

Feature	Method	Units	Values
Acidity	ASTM D847	mg NaOH/100 ml	Free
Water	ASTM E203	ppm mass	1000 max.
Appearance			Clean and clear
C8 Aromatic	ASTM D7504	ppm mass	500 max.
Benzene	ASTM 7504	ppm mass	750 max
Color (Pt/Co)	ASTM D5386	-	20 max.
Color Acid Wash	ASTM D848	-	2 max.
Copper Strip Corrosion	ASTM D849	-	1A/1B
Relative Density (20/4°C)	ASTM D4052	-	0,864 - 0,868
Non Aromatics	ASTM D7504	ppm mass	Anotate
Purity	ASTM D7504	% mass	98,8 min.
Distillation Range (at 760mmHg)	ASTM D850	°C	1 max. (temperature of 110,6°C included)

Final Remarks:

1. The properties and values contained in the quality certificate must be considered as a guarantee of the product. For typical values, when provided, the information is given in good faith and obtained in our laboratories, and should not be considered as absolute or as a guarantee.
2. For any doubt concerning material handling or application, please contact the Technical Services area.
3. For safety, handling, personal protection, first aid, and waste disposal information, refer to the MSDS - Material Safety Data Sheet.
4. The mentioned values in this report can be changed at any moment without Braskem previous communication.
5. Shelf Life: Two years from the date of issuance of the quality certificate, provided that the storage conditions informed in the MSDS (Material Safety Data Sheet) are maintained.