



Data Sheet

Issued:

19-Oct-2007

Product Name

Toluene S

Product Code**T1402****Asia Pacific****ANZ****Product Category****Aromatics****CAS Registry Number**

108-88-3

Description

Toluene S is a narrow boiling range, medium evaporating solvent for uses where high solvency is required.

Sales Specification

Property	Unit	Min	Max	Method
Appearance	Clear & Free From Suspended Matter			Visual
Density @15°C	g/ml	0.865	0.875	ASTM D4052
Color	Saybolt	25		ASTM D156
Distillation, IBP	°C	109		ASTM D1078
Distillation, DP	°C		113	ASTM D1078
Aromatics	%m/m	97.5		GC
Benzene	%m/m		0.09	GC

Typical Properties

Property	Unit	Method	Value
Density @15°C	kg/l	ASTM D4052	0.869
Color	Saybolt	ASTM D156	+30
Distillation, IBP	°C	ASTM D1078	110
Distillation, DP	°C	ASTM D1078	111
Paraffins	% m/m	GC	< 1
Naphthenes	% m/m	GC	< 1
Aromatics	% m/m	GC	99
Benzene	% m/m	GC	0.03
Flash Point	°C	IP 170	4
Electrical Conductivity @23°C	pS/m	ASTM D2624	400

Test Methods	<p>Copies of copyrighted test methods can be obtained from the issuing organisations:</p> <p>American Society for Testing and Materials (ASTM) : www.astm.org Energy Institute (IP) : www.energyinst.org.uk</p> <p>For routine quality control analyses, local test methods may be applied that are different from those mentioned in this datasheet. Such methods have been validated and can be obtained through your local Shell Chemicals company.</p>
Quality	<p>Toluene S does not contain detectable quantities of polycyclic aromatics, heavy metals or chlorinated compounds.</p>
Storage and Handling	<p>Provided proper storage and handling precautions are taken we would expect Toluene S to be technically stable for at least 12 months. For detailed advice on Storage and Handling please refer to the Material Safety Data Sheet on www.shell.com/chemicals.</p>
Hazard Information	<p>For detailed Hazard Information please refer to the Material Safety Data Sheet on www.shell.com/chemicals.</p>
Warranty	<p>All products purchased or supplied by Shell Chemicals are subject to terms and conditions set out in the contract, order acknowledgment and/or bill of lading. Shell Chemicals warrant that their product will meet those specifications designated as such herein or in other publications. All other information including that herein, supplied by Shell Chemicals is considered accurate but is furnished upon the express condition that the customer shall make its own assessment to determine the products' suitability for a particular purpose. Shell Chemicals make no other warranty either expressed or implied, regarding such other information, the data upon which the same is based, or the results to be obtained from use thereof; that any products shall be merchantable or fit for any purpose; or that the use of such other information or product will not infringe any patent.</p> <p>The expression 'Shell Chemicals' refers to the companies of the Shell Group that are engaged in chemical businesses. Each of the companies that make up the Shell Group of companies is an independent entity and has its own separate identity.</p>