

ASIA SALES SPECIFICATION



Material Number: 499202
Product Name: Propylene Glycol Industrial

Test Description	Specification Limits		Unit of Measure	Test Method
	Minimum	Maximum		
Current Quality Grade	Conforming to Specification			
Vehicle Type	Report			
Vehicle ID	Report			
Miscellaneous Text	Report			
Lot Number	Report			
Acidity as acetic acid		0.0050	weight %	
Appearance	Pass			
Assay as PG, on a dry basis	99.0 0		weight %	
Chlorides		1.0	weight ppm	
Color, Pt-Co		10	APHA Color	
Heavy Metals as Pb		5	weight ppm	
Iron		1.00	weight ppm	
Suspended matter	Pass			
Water		0.200	weight %	
TYPICAL VALUES	Report			
Arsenic as As	0	1	weight ppm	
CONEG Metals	Pass			
Distillation IBP @760 mmHg	185.0	190.0	degrees C	
Distillation DP @760 mmHg	185.0	190.0	degrees C	
Refractive Index @ 25 C	1.4300	1.4320		
Residue on Ignition	0.0000	0.0050	weight %	
Specific Gravity @ 20/20°C	1.0375	1.0390	.	
Specific Gravity @ 25/25°C	1.0350	1.0365	.	
Sulfate	0.000	0.006	weight %	
Solubility @25 deg. C.	Pass			

This report has been generated from our business computing system and lists those properties our company evaluates in conducting batch selection decisions. This report may also contain typical properties and their expected values. This report may not cover your entire specification, which may include requirements for packaging, shipping, storage, delivery, etc.

The information in this bulletin is believed to be accurate and current as of the date of publication. It is the sole responsibility of the customer to determine whether the product is appropriate and suitable for the customer's specific use. Lyondell Chemical Company and its affiliates and subsidiaries make no warranties, express or implied, regarding the product or any information contained herein.

The applicable Material Safety Data Sheet should be reviewed before handling the Lyondell product. Lyondell Chemical Company and its affiliates and subsidiaries disclaim any liability against infringement of patent by reason of customer's use of any Lyondell Chemical Company products in combination with other materials or in any process.

SALES SPECIFICATION



Material Number: 499202
Product Name: Propylene Glycol Industrial

Test Description	Specification Limits		Unit of Measure	Test Method
	Minimum	Maximum		

This product is not intended for use in pharmaceutical, food or cosmetic type applications.

Issue or Revision Date: June 10, 2005 **Spec Version Number: 8**

Material Number: 7581 8723 8822 499202 499203 499308 499309 499365 509257 509258 509260

This report has been generated from our business computing system and lists those properties our company evaluates in conducting batch selection decisions. This report may also contain typical properties and their expected values. This report may not cover your entire specification, which may include requirements for packaging, shipping, storage, delivery, etc.

The information in this bulletin is believed to be accurate and current as of the date of publication. It is the sole responsibility of the customer to determine whether the product is appropriate and suitable for the customer's specific use. Lyondell Chemical Company and its affiliates and subsidiaries make no warranties, express or implied, regarding the product or any information contained herein.

The applicable Material Safety Data Sheet should be reviewed before handling the Lyondell product. Lyondell Chemical Company and its affiliates and subsidiaries disclaim any liability against infringement of patent by reason of customer's use of any Lyondell Chemical Company products in combination with other materials or in any process.