



**THE DOW CHEMICAL COMPANY
SALES SPECIFICATION**

Date Printed: 2013-08-28

Effective Date: 2010-11-09

Supersedes Date: 2004-03-01

Name: DOWTHERM™ RP Heat Transfer Fluid

Specification Number: 000000051244

Previous Specified Material: 00051244

Additional Product Information:

A clear liquid

Final Testing Requirements				
Test and Test Condition	Limit	Unit	Method	Note
Assay	98.0 Min	WT%	DOWM 101712	
Water	250 Max	ppm	ASTM E203	
Color	Pass		Visual	1

Final Testing Requirements Notes:

1 Clear, light yellow.

General Notes

- 1 Typical Properties:
 Boiling Point, 353 degC @ 760 mm hg
 Viscosity, @ 25 degC, 31.5 cp
 Flash Point, PMCC, 194 degC (381f)
 Thermal Conductivity, @ 25 c, 0.13 w/mk
 Ave. Molecular Weight, 236
 Specific Gravity @ 25c 1.026 +/- 0.1 (ASTM D891-89)

READ PRECAUTIONARY INFORMATION AND MATERIAL SAFETY SHEETS. THIS PRODUCT IS SHIPPED IN COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS REGARDING CLASSIFICATION, PACKAGING, SHIPPING AND LABELING.

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