



THE DOW CHEMICAL COMPANY  
SALES SPECIFICATION

Date Printed: 2016-10-12

Effective Date: 03/03/2015

Supersedes Date: 03/09/2012

Name: Blend TN-120

Specification Number: 000000070650

Previous Specified Material: 00070650

Final Testing Requirements

Test and Test Condition	Limit	Unit	Method	Note
Vapor Pressure, Reid	13 Max	psi	ASTM D323	
Sp Gr @ 60/60degF	0.740 — 0.780		ASTM D4052	1
Sulfur, Total	90 Max	ppm wt	ASTM D3120	
Doctor Test	Pass		ASTM D4952	2
Existent Gums/100 mL	5 Max	mg	ASTM D381	
Oxidation Stability	360 Min	min	ASTM D525	3
Inhibitor	200 Min	ppm wt	Supplier	
<b>Test Frequency:</b>	optional test			
Benzene	1.0 Max	WT%	UOP 744	

Final Testing Requirements Notes:

- 1 Sp Gr = Specific Gravity
- 2 Doctor Test  
Material passes with a negative Doctor Test
- 3 Oxidation Stability  
Measured using a 1:5 sample:iso-octane mixture ratio. Only for BP and Petrotrade supplies.

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**General Notes**

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- 1 TYPICAL VALUES:  
Copper corrosion:1B, method ASTM D130  
Motor Octane number: 80.5 - 83.0, method ASTM D2700  
Research Octane number: 96.5 - 98.0, method ASTM D2699  
Lead: 60 ppb max, method UOP 848  
Distillation range, IBP: 30 - 40degC, method ASTM D86  
Distillation range, FBP: 180 - 200degC, method ASTM D86

**External Notes**

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- 1 A Certificate of Analyses will be sent to the receiving location upon request.

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