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## Neohexane (2, 2-Dimethylbutane), Pure Grade

Property	Typical Value	Specification	Test Method
Composition, wt %			Chromatography
2,2-Dimethylbutane	99.5	99.0 min	
Cyclopentane	0.2		
2,3-Dimethylbutane	0.2		
2-Methylpentane	0.1		
Vapor Pressure, psia			Calculated
at 70 °F <sup>(1)</sup>	5.3		
at 100 °F <sup>(1)</sup>	9.86	9.76 – 9.96	
at 130 °F <sup>(1)</sup>	16.8		
Color, Saybolt	+30		ASTM D 156
<b>Other Properties</b>			
Purity by Freezing Point, mol %	99.4		ASTM D 1016
Specific Gravity at 60/60 °F	0.655		ASTM D 891
Specific Gravity at 20/4 °C	0.650		ASTM D 891
API Gravity at 60 °F	84.5		ASTM D 1250
Density of Liquid at 60 °F, lb/gal	5.45		ASTM D 891
Refractive Index, 20/D	1.369		ASTM D 1218
Acidity of Distillation Residue	Neutral		ASTM D 1093
Nonvolatile Matter, mg/100 mL	0.5		ASTM D 1353
Sulfur Content, ppm	1.0		ASTM D 3120
Copper Corrosion, 2 h at 212 °F	1		ASTM D 130
Doctor Test	Negative		ASTM D 235
Flash Point, °F	-25		ASTM D 56

<sup>(1)</sup> This is a calculated value based on G.C. data.

Product Number: 1020555

Revised: 06/30/08

Notice: Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Chevron Phillips Chemical Company LP does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.