


# Sunoco Maximal™

Sunoco Maximal is a 116 octane extreme performance leaded racing fuel designed for high-rpm racing engines with high compression ratios. Maximal's fast burn rate makes it particularly beneficial in large-bore, large-displacement naturally-aspirated drag racing applications. It has also proven to be very popular in the highly-stressed naturally-aspirated big blocks used in truck pulling. Sunoco Maximal is very resistant to vapor lock, ensuring consistent fuel metering between passes.

Sunoco Maximal is for off-road and racing use only. It contains additives to enhance stability and minimize oxidative effects. As with any gasoline, Maximal should be stored in opaque, tightly sealed containers where temperatures are stable. Handled under such conditions, the shelf life of Sunoco Maximal is 3 years or more.



<b>TYPICAL PROPERTIES</b>	
COLOR .....	<b>RED</b>
OCTANE NUMBER (R+M)/2 .....	<b>116</b>
RESEARCH OCTANE NUMBER (RON) .....	<b>118</b>
MOTOR OCTANE NUMBER (MON) .....	<b>114</b>
SPECIFIC GRAVITY .....	<b>0.708</b>
DENSITY (POUNDS/GALLON) .....	<b>5.9</b>
REID VAPOR PRESSURE (PSI) .....	<b>6.1</b>
<b>DISTILLATION (DEGREES F)</b>	
INITIAL BOILING POINT .....	<b>89</b>
10% EVAPORATED .....	<b>148</b>
50% EVAPORATED .....	<b>215</b>
90% EVAPORATED .....	<b>231</b>
FINAL BOILING POINT .....	<b>252</b>
STOICHIOMETRIC AIR/FUEL RATIO .....	<b>15.0:1</b>
ALCOHOLS/MTBE/OXYGENATES .....	<b>NONE</b>
OXYGEN (WEIGHT %) .....	<b>0.0</b>
H/C RATIO .....	<b>2.16</b>
LOWER HEATING VALUE (BTU/LB) .....	<b>18,900</b>
LOWER HEATING VALUE (BTU/GAL) .....	<b>111,500</b>
DIELECTRIC CONSTANT .....	<b>-1.0</b>

For off-road and racing applications only. Legal in California only for racing vehicles in sanctioned racing events.



**SUNOCO PERFORMANCE PRODUCTS**  
**PO BOX 1226 • LINWOOD, PA 19061**  
**WWW.SUNOCORACEFUELS.COM**  
**1.800.RACE.GAS**