

KART 102

Compliant with FIA Karting Regulation Appendix 4

PROPERTY	UNITS	TYPICAL VALUE	FIA Specifications Appendix J – Art 252		TEST METHODS
			Min.	Max.	
RON	-	101,8	95	102	EN-ISO 5164
MON	-	89,7	85	90	EN-ISO 5163
Density at 15° C	kg/m ³	754	720	785	ISO 12185
Oxygen	%wt	2,66	-	3,7	Elemental analysis
Nitrogen	mg/kg	<100	-	2000	ASTM D 5762
Sulphur	mg/kg	<10	-	10	EN ISO 20846
Lead	mg/l	<0,3	-	5	ASTM D 3237
Manganese	mg/l	<2	-	2	ASTM D3831
Benzene	%vol	<0,5	-	1	ASTM D 5580
Olefins	%vol	9,1	-	18	ISO 22854
Aromatics	%vol	34,4	-	35	ISO 22854
Total di-olefins	%wt	0	-	1	GC-MS
Oxydation Stability	minutes	>400	360		ISO 7536
Reid vapour pressure	kPa	57,2	-	80	EN 13016-1
Distillation:					ISO 3405
Evaporated at 70 °C	%vol	25	20	52	
Evaporated at 100 °C	%vol	65	46	72	
Evaporated at 150 °C	%vol	86	75	-	
Final Boiling Point	°C	171	-	210	
Residue	%vol	0,9	-	2	
Net calorific value	Kcal/kg	10982	-	-	ASTM D 240
Gross calorific value	Kcal/kg	11730	-	-	ASTM D 240
Stoichiometric ratio	-	14,002	-	-	Calc

*This fuel contains MTBE.

*This fuel does not comply with the Australian Fuel Quality Standard Act.