



# IRF 102



Good performance at low price  
GO Fast with tight budget



ETS Racing Fuels use most efficient chemical materials in order to bring the performance at high levels.

Get the most of your engine performance and reliability... choose ETS Racing Fuels !

## APPLICATIONS

- ⇒ Unleaded Racing Fuel suitable for 2 and 4 strokes engines.
- ⇒ Fuel can be used for supercharged, turbo charged engines or natural aspirated engines with high compression ratio.
- ⇒ Complies with the following regulations FIA 2014, CIK & FIM
- ⇒ The use is recommended for GT & Touring car when ability to run a new engine mapping is limited.
- ⇒ **IRF 102** can also be used for karting, or for road racing motorbike having limited budgets to run highest performance ETS Racing Fuels
- ⇒ **IRF 102** being ethanol & MTBE free, the use is allowed for on water activities (powerboats) with no risk of engine corrosion and in the respect of environmental rules effective in certain countries.
- ⇒ This fuel contains detergency, anti-friction & anti valve recession additive technologies which will benefit your engine of very high cleanliness, will improve the performance & will reduce the engine wear.

## RECOMMENDATION

- ⇒ Air/fuel ratio, supercharging pressure and ignition advance must preferably be checked and re-tuned to reach optimum performances. Ignition and injection mapping are strongly recommended.
- ⇒ In order to maintain the original properties, and according to Health and Safety regulations of commercial fuels, this gasoline shall be handled and stored in a cool place, well ventilated, away from any source



ETSP - Zone d'Activités de la Baudrière n°1 - 27520 Bourgtheroulde - France  
Tel +33 2 32 13 14 50 - Fax +33 2 32 13 14 51 - [www.ets-racing.com](http://www.ets-racing.com)

S.A. au capital de 470 169.27 Euros - APE 2059Z - Siret 418 541 900 00027 - R.C.S. Bernay 418 541 900 - TVA FR 94 418541900



## SPECIFICATION

Caracteristics	Standards	Typical results	FIA Appendix J specifications 2014	FIM & CIK specifications 2014
RON	ASTM D 2699	101.5	95 - 102	95 - 102
MON	ASTM D 2700	90.0	85 - 90	85 - 90
Oxygen content	IP 466	2.6	3,7 % max	2,7 % max
Nitrogen content	ASTM D 3228	< 0.04	0,5 % max	0,2 % max
Peroxides	ASTM D 3703	20	100 ppm max	100 ppm max
Lead content	ASTM D 3341	<2.5	13 mg / L max	5 mg / L max
Benzene content	ASTM D 3606	<1	1 % max	1,2 % max
Vapour pressure (DVPE)	EN 13016-1	59	80 KpA max	90 KpA max
Distillation at 70°C	ASTM D 86	35 %		22 % - 50 %
Distillation at 100°C	ASTM D 86	67 %	30 % - 72 %	46 % - 72 %
Distillation at 150°C	ASTM D 86	100 %	75 % minimum	75 % minimum
Final boiling point	ASTM D 86	< 150	210 °C max	215 °C max
Specific gravity at 15°C	ASTM D 4052	747	720 - 785 Kg / m <sup>3</sup>	720 - 775 Kg / m <sup>3</sup>
Other parameters	Fuel specification	OK		

Do you want to know more about **IRF 102** racing fuel, such as performances increase vs competitor fuels, check out our interactive website **[WWW.ETS-RACING.COM](http://WWW.ETS-RACING.COM)**

Anyway, don't hesitate to contact us for any detail:

	<u>Technical Director</u>	<u>Business Dev. Manager</u>
	Dr Bruno Philippon	Yann Labia
Tel :	+33 2 32 13 14 50	+33 6 80 45 73 36
Fax :	+33 2 32 13 14 51	
Email :	<a href="mailto:bruno.philippon@ets-p.com">bruno.philippon@ets-p.com</a>	<a href="mailto:yann.labia@ets-p.com">yann.labia@ets-p.com</a>



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