



Terminal product specification: Euro 95 - E10		version 1-9-2016			
Property	Unit	Minimum	Maximum	Test Method	
Research Octane Number RON		95,0		EN ISO 5164	
Motor Octane Number MON		85,0		EN ISO 5163	
Lead content	mg/l		5,0	EN237	
Density at 15 °C	kg/m3	720,0	775,0	EN ISO 3675	
Sulfur content	mg/kg		10,0	EN ISO 20846	
Manganese content	mg/l		2,0	EN 16315 / EN 16136	
Oxidation stability	min.	360		EN ISO 7536	
Existent gum content (Solvent washed)	mg/100ml		5	EN ISO 6246	
Copper strip corrosion (3 hrs. at 50 °C)	Rating	Class 1		EN ISO 2160	
Appearance		Clear and bright		Visual inspection *	
Hydrocarbon type content	Olefins	% v/v		18,0	EN ISO 22854
	Aromatics	% v/v		35,0	
Benzene content	% v/v		1,00	EN 238	
Oxygen content	% m/m		3,7	EN 1601	
Oxygenates content	Methanol	% v/v		3,0	EN 1601
	Ethanol	% v/v		10,0	
	iso-propyl alcohol	% v/v		12,0	
	iso-butyl alcohol	% v/v		15,0	
	tert-butyl alcohol	% v/v		15,0	
	ethers (5 or more C atoms)	% v/v		22,0	
other oxygenates	% v/v		15,0		
Vapour pressure	Summer**	kPa	45,0	60,0	EN 13016-1
	Winter***	kPa	65,0	95,0	
Vapour Lock Index	April + October	index		1214	
Distillation % evaporated at 70 °C E70 % evaporated at 70 °C E70 % evaporated at 100 °C E100 % evaporated at 150 °C E150 Final Boiling Point FBP Distillation residue	Summer**	% v/v	22,0	50,0	EN ISO 3405
		Winter***	% v/v	24,0	
	% v/v	46,0	72,0		
	% v/v	75,0			
	° C		210		
	% v/v		2		

\* Appearance shall be determined at ambient temperature

\*\* Summer: May 1st - September 30th

\*\*\* Winter: October 1st - April 30th

More stringent seasonal specifications for RVP will be applied and are available at request