

Properties	LPR/04/E	LPR/02/B	LPR/03/B	LPR/04/A	LPR/02/D	LPR/05/A	LPR/01/E	LPR/04/B	LPR/05/H	LPR/05/I
Density @15°C (kg/m³)	841 ±2	814 ±2	814 ±2	825 ±2	819 ±2	818 ±2	821 ±2	820 ±2	821 ±1	820 ±1
Pour point (°C)	—	—	—	-36	—	—	-33	-30	-39	-39
Flash point (°C)	49 ±2	64 ±2	61 ±2	57 ±2	65 ±2	67 ±2	67 ±2	48 ±2	67 ±2	75 ±2
Color (ASTM D1500)	2 ±0.5	1.5	1.5	2	—	—	1.5	0.5	2	2.5
Copper Corrosion	—	1a	1a	1a	—	—	1a	1a	1a	1a
Mercaptan (ppm)	—	—	252	—	177	—	—	—	—	—
Sulfur (ppm)	Max 1500	Max 3500	Max 3500	Max 3500	Max 5000	Max 5000	Max 5500	Max 5600	Max 1500	Max 800
Cetane Index (ASTM D976)	—	—	43	—	49.6	53.5	52.7	53.06	52.2	50.2
Initial Boiling Point (IBP °C)	162 ±3	172 ±3	169 ±3	157 ±3	170 ±3	175 ±3	168 ±3	167 ±3	176 ±3	176 ±3
10% Distillation Point (°C)	170 ±3	187 ±3	185 ±3	174 ±3	191 ±3	208 ±3	188 ±3	191 ±3	209 ±3	203 ±3
30% Distillation Point (°C)	175 ±3	199 ±3	197 ±3	187 ±3	217 ±3	235 ±3	222 ±3	230 ±3	233 ±3	218 ±3
50% Distillation Point (°C)	179 ±3	209 ±3	210 ±3	208 ±3	236 ±3	247 ±3	248 ±3	248 ±3	245 ±3	238 ±3
70% Distillation Point (°C)	186 ±3	216 ±3	224 ±3	231 ±3	250 ±3	255 ±3	253 ±3	251 ±3	250 ±3	246 ±3
90% Distillation Point (°C)	203 ±3	249 ±3	256 ±3	272 ±3	273 ±3	274 ±3	262 ±3	255 ±3	265±3	267±3
95% Distillation Point (°C)	224 ±3	274 ±3	282 ±3	294 ±3	316 ±3	301 ±3	286 ±3	257 ±3	293 ±3	308 ±3
Final Boiling Point (FBP °C)	337 ±3	328 ±3	332 ±3	326 ±3	371 ±3	334 ±3	>390	271 ±3	355 ±3	353 ±3
Recovery (%Vol)	99	99.6	99.4	99.9	99	99	96	100	98	97
Residue (%Vol)	1	0.4	0.6	0.1	1	1	4	0	1.5	2