

اکتان بوستر و مکمل بنزین

نظر به نوع موتور موجود در خودروها از یک سو و کیفیت بنزین مورد استفاده، به منظور توانمندسازی متراکم شدن سوخت قبل از احتراق در موتور، از اکتان بوسترها استفاده می‌شود. اکتان بوسترها در واقع افزایش‌دهنده‌های عدد اکتان (RON, MON) بنزین هستند تا فرد بتواند قدرت، شتاب و سرعت بیشتر را تجربه نماید.

این شرکت مفتخر است با تلفیقی از مواد اولیه‌ای چون زایلن مخلوط، اتانول، متانول، متیلال، حلال 400، آروماتیک سنگین، MTBE، C₇-C₉، متیل استات و ... تنوع کم نظیری را در فرمول‌های اکتان بوستر و مکمل بنزین، به مشتریان خود عرضه نماید.

Octane booster and gasoline supplement

Depending on the type of engine in the car on the one hand and the quality of the gasoline used, octane boosters are used to enable the fuel to be compressed before combustion in the engine.

Octane boosters are actually octane number (RON, MON) increasers of gasoline so that the driver can experience more power, acceleration and speed.

. This company is proud to offer its customers a unique variety of octane booster and gasoline supplement formulas with a combination of raw materials such as mixed xylene, ethanol, methanol, methylal, solvent 400, heavy aromatics, C₇-C₉, MTBE, methyl acetate, etc.

Analysis Octane booster (Code : AC-H-864631)

No.	Property	Unit	Test Method	Value	Result
1	Density @ 20°C	g/cm ³	ASTM D891	0.830-0.840	0.834
2	Flash Point	°C	ASTM D92	<27	<27
3	IBP	°C	ASTM D1078	50-58	53
4	(50%v/v)	°C	ASTM D1078	130-140	134
5	(90%v/v)	°C	ASTM D1078	Max 0.05	<0.003
6	FBP	°C	ASTM D1078	140-145	142
7	Recovered Volume	%v	ASTM D1078	Min 98.5	100
8	Residue Volume	%v	ASTM D1078	Min 1	0
9	Loss Volume	%v	ASTM D1078	Max 1	0
10	RON	-	Be Estimated	Min 113	-
11	MON	-	Be Estimated	Min 105	-
12	Aromatic Content	%v/v	-	Min 55	
13	Appearance	-	Visual Insp.	Clear & Colorless	Passed



Analysis Octane booster (Code : AC-H-5673)

No.	Property	Unit	Test Method	Value	Result
1	Density @ 20°C	g/cm ³	ASTM D891	0.780-0.790	0.785
2	Flash Point	°C	ASTM D92	<27	<27
3	IBP	°C	ASTM D1078	50-58	52
4	(50%v/v)	°C	ASTM D1078	65-75	69
5	(90%v/v)	°C	ASTM D1078	90-95	92
6	FBP	°C	ASTM D1078	95-100	97
7	Recovered Volume	%v	ASTM D1078	Min 98.5	99.5
8	Residue Volume	%v	ASTM D1078	Min 1	0
9	Loss Volume	%v	ASTM D1078	Max 1	0.5
10	RON	-	Be Estimated	Min 108	-
11	MON	-	Be Estimated	Min 99	-
12	Aromatic Content	%v/v	-	Min 0	
13	Appearance	-	Visual Insp.	Clear & Colorless	Passed

Analysis Octane booster (Code : AC-H-6591)

No.	Property	Unit	Test Method	Value	Result
1	Density @ 20°C	g/cm ³	ASTM D891	0.750-0.760	0.753
2	Flash Point	°C	ASTM D92	<27	<27
3	IBP	°C	ASTM D1078	48-54	50
4	(50%v/v)	°C	ASTM D1078	55-63	59
5	(90%v/v)	°C	ASTM D1078	70-75	72
6	FBP	°C	ASTM D1078	110-115	111
7	Recovered Volume	%v	ASTM D1078	Min 98.5	100
8	Residue Volume	%v	ASTM D1078	Min 1	0
9	Loss Volume	%v	ASTM D1078	Max 1	0
10	RON	-	Be Estimated	Min 113	-
11	MON	-	Be Estimated	Min 95	-
12	Aromatic Content	%v/v	-	Min 0	
13	Appearance	-	Visual Insp.	Clear & Colorless	Passed



Analysis Octane booster (Code : AC-H-1681)

No.	Property	Unit	Test Method	Value	Result
1	Density @ 20°C	g/cm ³	ASTM D891	0.855-0.865	0.857
2	Flash Point	°C	ASTM D92	<27	<27
3	IBP	°C	ASTM D1078	58-64	61
4	(50%v/v)	°C	ASTM D1078	120-130	123
5	(90%v/v)	°C	ASTM D1078	165-172	168
6	FBP	°C	ASTM D1078	170-177	173
7	Recovered Volume	%v	ASTM D1078	Min 98.5	99
8	Residue Volume	%v	ASTM D1078	Min 1	0.5
9	Loss Volume	%v	ASTM D1078	Max 1	0.5
10	RON	-	Be Estimated	Min 100	-
11	MON	-	Be Estimated	Min 83	-
12	Aromatic Content	%v/v	-	Min 80	
13	Appearance	-	Visual Insp.	Clear & Light Yellow	Passed

Analysis Octane booster (Code : AC-H-6164)

No.	Property	Unit	Test Method	Value	Result
1	Density @ 20°C	g/cm ³	ASTM D891	0.790-0.800	0.796
2	Flash Point	°C	ASTM D92	<27	<27
3	IBP	°C	ASTM D1078	54-60	55
4	(50%v/v)	°C	ASTM D1078	80-87	82
5	(90%v/v)	°C	ASTM D1078	153-158	154
6	FBP	°C	ASTM D1078	170-177	172
7	Recovered Volume	%v	ASTM D1078	Min 98.5	99.5
8	Residue Volume	%v	ASTM D1078	Min 1	0.5
9	Loss Volume	%v	ASTM D1078	Max 1	0
10	RON	-	Be Estimated	Min 108	-
11	MON	-	Be Estimated	Min 88	-
12	Aromatic Content	%v/v	-	Min 25	
13	Appearance	-	Visual Insp.	Clear & Light Yellow	Passed



Analysis Octane booster (Code : AC-H-1881)

No.	Property	Unit	Test Method	Value	Result
1	Density @ 20°C	g/cm ³	ASTM D891	0.875-0.885	0.877
2	Flash Point	°C	ASTM D92	<27	<27
3	IBP	°C	ASTM D1078	115-120	117
4	(50%v/v)	°C	ASTM D1078	127-136	131
5	(90%v/v)	°C	ASTM D1078	162-167	164
6	FBP	°C	ASTM D1078	170-177	175
7	Recovered Volume	%v	ASTM D1078	Min 98.5	99.6
8	Residue Volume	%v	ASTM D1078	Min 1	0.4
9	Loss Volume	%v	ASTM D1078	Max 1	0
10	RON	-	Be Estimated	Min 100	-
11	MON	-	Be Estimated	Min 83	-
12	Aromatic Content	%v/v	-	Min 72	
13	Appearance	-	Visual Insp.	Clear & Light Yellow	Passed

Analysis Octane booster (Code : AC-H-5291)

No.	Property	Unit	Test Method	Value	Result
1	Density @ 20°C	g/cm ³	ASTM D891	0.800-0.810	0.802
2	Flash Point	°C	ASTM D92	<27	<27
3	IBP	°C	ASTM D1078	55-64	58
4	(50%v/v)	°C	ASTM D1078	64-72	67
5	(90%v/v)	°C	ASTM D1078	93-97	94
6	FBP	°C	ASTM D1078	90-100	96
7	Recovered Volume	%v	ASTM D1078	Min 98.5	100
8	Residue Volume	%v	ASTM D1078	Min 1	0
9	Loss Volume	%v	ASTM D1078	Max 1	0
10	RON	-	Be Estimated	Min 105	-
11	MON	-	Be Estimated	Min 100	-
12	Aromatic Content	%v/v	-	Min 0	
13	Appearance	-	Visual Insp.	Clear & Colorless	Passed



Analysis Octane booster (Code : AC-S-4391)

No.	Property	Unit	Test Method	Value	Result
1	Density @ 20°C	g/cm ³	ASTM D891	0.895-0.905	0.899
2	Flash Point	°C	ASTM D92	<27	<27
3	IBP	°C	ASTM D1078	51-59	54
4	(50%v/v)	°C	ASTM D1078	55-64	58
5	(90%v/v)	°C	ASTM D1078	80-85	82
6	FBP	°C	ASTM D1078	90-100	93
7	Recovered Volume	%v	ASTM D1078	Min 98.5	100
8	Residue Volume	%v	ASTM D1078	Min 1	0
9	Loss Volume	%v	ASTM D1078	Max 1	0
10	RON	-	Be Estimated	Min 125	-
11	MON	-	Be Estimated	Min 120	-
12	Aromatic Content	%v/v	-	Min 0	
13	Appearance	-	Visual Insp.	Clear & Colorless	Passed

Analysis Octane booster (Code : AC-S-3491)

No.	Property	Unit	Test Method	Value	Result
1	Density @ 20°C	g/cm ³	ASTM D891	0.800-0.810	0.804
2	Flash Point	°C	ASTM D92	<27	<27
3	IBP	°C	ASTM D1078	70-76	73
4	(50%v/v)	°C	ASTM D1078	76-85	81
5	(90%v/v)	°C	ASTM D1078	97-102	99
6	FBP	°C	ASTM D1078	105-110	107
7	Recovered Volume	%v	ASTM D1078	Min 98.5	100
8	Residue Volume	%v	ASTM D1078	Min 1	0.5
9	Loss Volume	%v	ASTM D1078	Max 1	0
10	RON	-	Be Estimated	Min 110	-
11	MON	-	Be Estimated	Min 99	-
12	Aromatic Content	%v/v	-	Min 0	
13	Appearance	-	Visual Insp.	Clear & Colorless	Passed



Analysis Octane booster (Code : AC-S-4373)

No.	Property	Unit	Test Method	Value	Result
1	Density @ 20°C	g/cm ³	ASTM D891	0.870-0.880	0.872
2	Flash Point	°C	ASTM D92	<27	<27
3	IBP	°C	ASTM D1078	55-60	57
4	(50%v/v)	°C	ASTM D1078	60-65	62
5	(90%v/v)	°C	ASTM D1078	90-95	92
6	FBP	°C	ASTM D1078	100-105	102
7	Recovered Volume	%v	ASTM D1078	Min 98.5	100
8	Residue Volume	%v	ASTM D1078	Min 1	0
9	Loss Volume	%v	ASTM D1078	Max 1	0
10	RON	-	Be Estimated	Min 125	-
11	MON	-		Min 116	-
12	Aromatic Content	%v/v	-	Min 0	
13	Appearance	-	Visual Insp.	Clear & Colorless	Passed

Analysis Octane booster (Code : AC-S-8391)

No.	Property	Unit	Test Method	Value	Result
1	Density @ 20°C	g/cm ³	ASTM D891	0.855-0.865	0.861
2	Flash Point	°C	ASTM D92	<27	<27
3	IBP	°C	ASTM D1078	79-83	81
4	(50%v/v)	°C	ASTM D1078	136-142	139
5	(90%v/v)	°C	ASTM D1078	139-144	141
6	FBP	°C	ASTM D1078	140-145	143
7	Recovered Volume	%v	ASTM D1078	Min 98.5	100
8	Residue Volume	%v	ASTM D1078	Min 1	0
9	Loss Volume	%v	ASTM D1078	Max 1	0
10	RON	-	Be Estimated	Min 111	-
11	MON	-		Min 95	-
12	Aromatic Content	%v/v	-	Min 87	
13	Appearance	-	Visual Insp.	Clear & Colorless	Passed



Analysis Octane booster (Code : AC-S-3891)

No.	Property	Unit	Test Method	Value	Result
1	Density @ 20°C	g/cm ³	ASTM D891	0.795-0.805	0.801
2	Flash Point	°C	ASTM D92	<27	<27
3	IBP	°C	ASTM D1078	77-82	79
4	(50%v/v)	°C	ASTM D1078	78-83	80
5	(90%v/v)	°C	ASTM D1078	86-92	89
6	FBP	°C	ASTM D1078	104-110	106
7	Recovered Volume	%v	ASTM D1078	Min 98.5	100
8	Residue Volume	%v	ASTM D1078	Min 1	0
9	Loss Volume	%v	ASTM D1078	Max 1	0
10	RON	-	Be Estimated	Min 108	-
11	MON	-	Be Estimated	Min 96	-
12	Aromatic Content	%v/v	-	Min 8	
13	Appearance	-	Visual Insp.	Clear & Colorless	Passed

Analysis Octane booster (Code : AC-S-3482)

No.	Property	Unit	Test Method	Value	Result
1	Density @ 20°C	g/cm ³	ASTM D891	0.810-0.820	0.813
2	Flash Point	°C	ASTM D92	<27	<27
3	IBP	°C	ASTM D1078	68-72	70
4	(50%v/v)	°C	ASTM D1078	75-80	78
5	(90%v/v)	°C	ASTM D1078	97-102	99
6	FBP	°C	ASTM D1078	100-110	102
7	Recovered Volume	%v	ASTM D1078	Min 98.5	100
8	Residue Volume	%v	ASTM D1078	Min 1	0
9	Loss Volume	%v	ASTM D1078	Max 1	0
10	RON	-	Be Estimated	Min 112	-
11	MON	-	Be Estimated	Min 102	-
12	Aromatic Content	%v/v	-	Min 0	
13	Appearance	-	Visual Insp.	Clear & Colorless	Passed



Analysis Octane booster (Code : AC-S-4573)

No.	Property	Unit	Test Method	Value	Result
1	Density @ 20°C	g/cm ³	ASTM D891	0.890-0.900	0.891
2	Flash Point	°C	ASTM D92	<27	<27
3	IBP	°C	ASTM D1078	53-55	54
4	(50%v/v)	°C	ASTM D1078	53-55	54
5	(90%v/v)	°C	ASTM D1078	55-59	59
6	FBP	°C	ASTM D1078	62-67	69
7	Recovered Volume	%v	ASTM D1078	Min 98.5	98.5
8	Residue Volume	%v	ASTM D1078	Min 1	0.5
9	Loss Volume	%v	ASTM D1078	Max 1	1
10	RON	-	Be Estimated	Min 123	-
11	MON	-		Min 115	-
12	Aromatic Content	%v/v	-	Min 0	
13	Appearance	-	Visual Insp.	Clear & Colorless	Passed

Analysis Octane booster (Code : AC-S-8591)

No.	Property	Unit	Test Method	Value	Result
1	Density @ 20°C	g/cm ³	ASTM D891	0.860-0.870	0.863
2	Flash Point	°C	ASTM D92	<27	<27
3	IBP	°C	ASTM D1078	64-66	65
4	(50%v/v)	°C	ASTM D1078	132-137	136
5	(90%v/v)	°C	ASTM D1078	132-139	139
6	FBP	°C	ASTM D1078	135-142	145
7	Recovered Volume	%v	ASTM D1078	Min 98.5	99
8	Residue Volume	%v	ASTM D1078	Min 1	0.5
9	Loss Volume	%v	ASTM D1078	Max 1	0.5
10	RON	-	Be Estimated	Min 108	-
11	MON	-		Min 95	-
12	Aromatic Content	%v/v	-	Min 88	
13	Appearance	-	Visual Insp.	Clear & Colorless	Passed



Analysis Octane booster (Code : AC-S-5891)

No.	Property	Unit	Test Method	Value	Result
1	Density @ 20°C	g/cm ³	ASTM D891	0.795-0.805	0.803
2	Flash Point	°C	ASTM D92	<27	<27
3	IBP	°C	ASTM D1078	64-67	64
4	(50%v/v)	°C	ASTM D1078	64-67	66
5	(90%v/v)	°C	ASTM D1078	120-135	69
6	FBP	°C	ASTM D1078	135-142	139
7	Recovered Volume	%v	ASTM D1078	Min 98.5	99
8	Residue Volume	%v	ASTM D1078	Min 1	0.5
9	Loss Volume	%v	ASTM D1078	Max 1	0.5
10	RON	-	Be Estimated	Min 103	-
11	MON	-	Be Estimated	Min 90	-
12	Aromatic Content	%v/v	-	Min 9	
13	Appearance	-	Visual Insp.	Clear & Colorless	Passed

Analysis Octane booster (Code : AC-S-4581)

No.	Property	Unit	Test Method	Value	Result
1	Density @ 20°C	g/cm ³	ASTM D891	0.910-0.920	0.915
2	Flash Point	°C	ASTM D92	<27	<27
3	IBP	°C	ASTM D1078	53-55	53
4	(50%v/v)	°C	ASTM D1078	53-55	54
5	(90%v/v)	°C	ASTM D1078	54-57	56
6	FBP	°C	ASTM D1078	56-64	56
7	Recovered Volume	%v	ASTM D1078	Min 98.5	99
8	Residue Volume	%v	ASTM D1078	Min 1	0.5
9	Loss Volume	%v	ASTM D1078	Max 1	0.5
10	RON	-	Be Estimated	Min 127	-
11	MON	-	Be Estimated	Min 118	-
12	Aromatic Content	%v/v	-	Min 0	
13	Appearance	-	Visual Insp.	Clear & Colorless	Passed



Analysis Octane booster (Code : 906)

No.	Property	Unit	Result
1	Density @ 20°C	g/cm ³	0.755
2	Flash Point	°C	Free
3	IBP	°C	52
4	Distillation (50%)	°C	55
5	Distillation (90%)	°C	67
6	FBP	°C	139
7	Recovered Volume	%v	100
8	Benzene	%v	>1
9	Copper Corrosion	%v	1A
10	Mercaptan	ppm	>5
11	Total Sulphur	%wt	0.0075
12	Aromatic	-	10.59

Analysis Octane booster (Code : AC-H-8664)

No.	Property	Unit	Test Method	Value	Result
1	Density @ 20°C	g/cm ³	ASTM D891	0.815-0.825	0.819
2	Flash Point	°C	ASTM D92	<27	<27
3	IBP	°C	ASTM D1078	50-58	53
4	Distillation (50%)	°C	ASTM D1078	128-135	131
5	Distillation (90%)	°C	ASTM D1078	137-142	140
6	FBP	°C	ASTM D1078	140-145	142
7	Recovered Volume	%v	ASTM D1078	Min 98.5	100
8	Residue Volume	%v	ASTM D1078	Min 1	0
9	Loss Volume	%v	ASTM D1078	Max 1	0
10	RON	-	Be Estimated	Min 112	-
11	MON	-	Be Estimated	Min 95	-
12	Aromatic Content	%v/v	-	Min 55	
13	Appearance	-	Visual Insp.	Clear & Colorless	Passed



Analysis Octane booster (Code : 900)

No.	Property	Unit	Result
1	Density @ 20°C	g/cm ³	0.7585
2	Flash Point	°C	<28
3	IBP	°C	52
4	Distillation (50%)	°C	58
5	Distillation (90%)	°C	73.5
6	FBP	°C	135
7	Recovered Volume	%v	99.5
8	Residue Volume	%v	0.1
9	Loss Volume	%v	0.4
10	Mercaptan	ppm	<3
11	Total Sulphur	%wt	0.0089
12	Aromatic	-	8.12
13	Copper Corrosion	-	1A

Analysis Octane booster (Code : 918)

No.	Property	Unit	Result
1	Density @ 20°C	g/cm ³	0.858
2	Flash Point	°C	<28
3	IBP	°C	70
4	Distillation (50%)	°C	135
5	Distillation (90%)	°C	137
6	FBP	°C	140
7	Recovered Volume	ml	99
8	Residue Volume	%v	0.1
9	Loss Volume	%v	0.9
10	Copper	-	1A
11	Total Sulphur	ppm	195
12	Color	-	0.5>
13	Appearance	-	Clear & Without Impurity





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