



# ATTOCK REFINERY LTD

## TECHNICAL DATA SHEET

### PREMIER MOTOR GASOLINE (PMG)

#### Product Description:

Attock Refinery Ltd produces unleaded premier motor gasoline that is environment friendly and has 95 RON as per prevailing country specifications. It is customized to provide knock free performance for gasoline powered vehicles ensuring easy start and rapid warm up. Reduces emissions and improves fuel economy. It is a superior quality fuel due to the additives included in its composition.

#### Application and Benefits:

ARL PMG can be used with confidence in spark ignition fuel vehicles on Pakistani roads. Our product meets the minimum requirements of National standards

#### Health, Safety and Environment:

Health, safety and environmental information are provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products.

ARL will not accept liability if the product is used other than in the manner, with the precautions, or for the purpose/s specified.

- **Typical information from MSDS**

Do not ingest. Never drain off by mouth. If ingested, do not induce vomiting. Avoid contact with skin and clothing. Wash thoroughly after handling. Avoid contact with eyes. Use only with adequate ventilation

#### Storage:

Keep away from flame, sparks, excessive temperatures and open flame. Use approved vented containers. Keep containers closed and clearly labeled. This storage area should comply with NFPA 30



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#### Specifications & Typical Value:

TEST DESCRIPTION	UNIT	TEST METHOD	SPECIFICATIONS	MAX / MIN	ARL TYPICAL
Colour	-	Visual	Yellow	-	Yellow
Odour	-	-	Marketable	-	Marketable
Specific gravity 15.6°C. 15.6°C	-	ASTM D1298	To be reported	-	0.720 - 0.730
Octane No. Research	-	ASTM D2699	95	Min.	95
Distillation	°C (°F)	ASTM D86			
10% Vol. Recovered			80 (176)	Max.	55
50% Vol. Recovered			125(257)	Max.	85
90% Vol. Recovered			180(356)	Max.	140
End point			205(401)	Max.	175
Residue	vol %		2	Max.	1
Reid Vapour Pressure at (37.8°C)	kPa (PSI)	ASTM D323			
(a) Summer (Mar-Oct)			62 (9)	Max.	8.5
(b) Winter (Nov-Feb)			69 (10)	Max.	9.5
Sulphur	ppm	ASTM D4294	10	Max.	<10.0
Copper strip corrosion at 50°C (122°F)	-	ASTM D130	1	Max.	1a
Existent Gum	mg/100ml	ASTM D381	4	Max.	1
Induction period	Minutes	ASTM D525	No breakdown in 240 minutes	Min.	>240
Appearance	-	-	Bright, Clear, and free from water & impurities	-	Bright & Clear
Dr. Test	-	ASTM D4952	Negative	-	Negative
Benzene	vol%	ASTM D4053	5	Max.	1
Lead Contents	g/L	ASTM D3237	0.013	Max.	0.005
Oxygenate Contents	vol%	ASTM D4815	0.5	Max.	<0.5
i) Ether Based					
ii) Alcohol Based (Ethanol/Methanol)			Non-detectable	-	Non-detectable

For more Information Please Contact **Attock Refinery Ltd** Phone: 92-51-5487041 / Ext. 2596 / 2469