

Certificate of analysis

Test report of Gilsonite for Filtrate Loss Control

Report: ACC 125799	Manufacturer: Aras Petrochemical
Sample NO: 02223	Source: Aras Petrochemical Co

TEST	RESULT	TEST METHOD	
1. Ash content	%Wt	5-7	ASTM D 3174-4
2. Solubility in CS ₂	%Wt	81	ASTM D2042
3. Fixed Carbon	%Wt	24	ASTM D3172
4. Volatile matter	%Wt	60	Elemental Analyzer
5. Hydrogen Content	%Wt	6.5	Elemental Analyzer
6. Sulfur Content	%Wt	0.3	Elemental Analyzer
7. Carbon	%Wt	82	Elemental Analyzer
8. Nitrogen	%Wt	3.1	Elemental Analyzer
9. Oxygen	%Wt	2.5	Elemental Analyzer
10. Asphalten content	%Wt	76	Elemental Analyzer
11. Moisture Content	%Wt	1	ASTM D3174
12. Maltene	%Wt	24.28	Elemental Analyzer
13. Normal Heptane Insolubles	%Wt	79	ASTM D379
14. Penetration		0	ASTM D5
15. Softening Point C°		196-220	ASTM D 36
16. specific gravity @ 25 C°		1.2	ASTM D3289

1. *The test result provided from sample of Aras Petrochemical Co, Mine.*
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