Gilsonite (Natural Bitumen) Specification Physical Properties of Grade: IM 103		
Test	**Result**	**Test Method**
Ash Content wt%	15 - 20	ASTM-D3174
Moisture Content wt%	≤3	ASTM-D3173
Volatile Matter wt%	50	ASTM-D3175
Fixed Carbon wt%	39	ASTM-D3172
Solubility in CS2 wt%	55 - 65	ASTM-D4
Specific Gravity @ 25 C°	1.02	ASTM-D3289
Color in Mass	Black	--------
Color in Streak or Powder	Brown	--------
Softening Point C°	180 - 200	ASTM-D36
Penetration @ 25 C° , 10 -1 mm	0	ASTM-D5
Solubility in Trichloroethylene	60 - 75	ASTM-D2042
Element Analysis		
Carbon wt%	74	ASTM-D5291
Hydrogen wt%	7.1	ASTM-D5291
Nitrogen wt%	0.67	ASTM-D5291
Oxygen wt%	3.1	ASTM-D5291
Sulphur wt%	3 - 8	Leco(s)Analyzer

Central Office: No.1, West ChaharBagh St., Jannat Abad Ave., Tehran-IRAN Postal Code: 1474765811
Tel: +9821 444 10 541 Fax: +9821 444 20 440 info@eaglepetrochem.com www.eaglepetrochem.com