



Product Name: Specification of Crude Coal Tar

Property	Test Method	Typical Value / Range	Property
Appearance	Visual	Black, viscous liquid	Appearance
Specific Gravity @ 25°C	ASTM D70 / IS 1448	1.12 – 1.25	Specific Gravity @ 25°C
Water Content	ASTM D95	Max 5%	Water Content
Distillation Yield (to 400°C):	ASTM D1160 / IS 1457		Distillation Yield (to 400°C):
– Light Oil (up to 170°C)		2 – 5%	– Light Oil (up to 170°C)
– Middle Oil (170°C – 270°C)		10 – 20%	– Middle Oil (170°C – 270°C)
– Heavy Oil (270°C – 360°C)		15 – 30%	– Heavy Oil (270°C – 360°C)
– Pitch Residue (> 360°C)		45 – 60%	– Pitch Residue (> 360°C)
Free Carbon Content	IS 1218	0.3 – 1.5%	Free Carbon Content
Ash Content	ASTM D482	Max 0.5%	Ash Content
Viscosity @ 50°C	ASTM D445	200 – 400 cSt	Viscosity @ 50°C
Flash Point (COC)	ASTM D92	Min 120°C	Flash Point (COC)
Softening Point of Pitch Residue	ASTM D36	30°C – 70°C	Softening Point of Pitch Residue
Sulfur Content	ASTM D4294 / IS 1458	0.5 – 1.5%	Sulfur Content
Benzene Insoluble	ASTM D2318	Max 0.3%	Benzene Insoluble
Toluene Insoluble	ASTM D4072	Max 1.0%	Toluene Insoluble

