

Typical Composition Of Heavy Aromatics

S.N	Properties	Unit	Spec.	Reference	Note
1.	Total Aromatics Content	Min 80	mol%	ASTM D 6563	
2.	Benzene	Max 60	mol%	ASTM D 6563	
3.	Toluene	Max 25	mol%	ASTM D 6563	
4.	Xylenes Content	Max 5	mol%	ASTM D 6563	
5.	Ethyl benzene	Max 0.2	mol%	ASTM D 6563	
6.	Non Aromatics C5's and Heavier	Max 15	mol%	ASTM D 6563	
7.	C ₉ + Aromatics	Max 20	mol%	ASTM D 6563	
8.	Total Sulfur Content	Max 200	mg/L	ASTM D 5453	
9.	Density (at 20 °C)	Min 0.85 – Max 0.95	gm/cm ³	ASTM D 4052	
10.	Initial Boiling Point (IBP)	Min 60 – Max 80	°C	ASTM D 86	
11.	Final Boiling Point (FBP)	Min 320 – Max 340	°C	ASTM D 86	
12.	Motor Octane Number	Min 98		ASTM D 2700	
13.	Water Content	Max 0.1	wt%	ASTM D 6304	