

SN.	PARAMETER	METHOD	SPECIFICATION
1	Benzene, % by mass	IS 534	Min 99.9
2	Non-Aromatics, ppmw	IS 534	Max 700
3	Toluene, ppmw	IS 534 Annex. A	Max 300
4	Colour, Pt-Co scale	ASTM D 6045	Max 10
5	Sulphur, mg/kg	ASTM D 5453	Max 1
6	Bromine Index	ASTM D 5776	Max 10
7	Acid Wash Colour	ASTM D 848	Pass with 1
8	Solidification Point, °C	ASTM D 852	Min 5.35
9	Distillation range : 1%, °C	ASTM D 850	Difference between temperature of 1 & 96% less than 0.6 °C, this to include 80.1 °C
10	Distillation range : 96%, °C	ASTM D 850	Difference between temperature of 1 & 96% less than 0.6 °C, this to include 80.1 °C
11	Specific Gravity @ 15°C/ 15°C	IS 534 Annex C	0.8790 to 0.8860

Remarks : Product conforms to IS 534:2021 Specification

SN.	PARAMETER	METHOD	SPECIFICATION
1	Benzene, % by mass	IS 534 Annex. A	Min 99.8
2	Non-Aromatics, % by mass	IS 534 Annex. A	Max 0.1
3	Toluene % by mass	IS 534 Annex. A	Max. 0.05
4	n-heptane, higher aliphatic and acyclic compounds, mg/Kg	IS 534 Annex. A	To be reported
5	Colour, Pt-Co scale	IS 534 Annex. B	Max 10
6	Density at 20°C, g/ml	ASTM D 4052 IS 534 Annex. C	0.8780 to 0.8820
7	Sulphur, ppm	ASTM D 5453/ IS 534 Annex. D	To be reported
8	Bromine Index	IS 534 Annex. F	Max 20
9	Thiophene, mg/Kg	IS 534 Annex. H	Max 1
10	Acid Wash Colour	IS 534 Annex. J	Max 1
11	Moisture content, ppmw	ASTM D 6304	To be reported
12	Density @ 15°C, g/ml	ASTM D 4052	To be reported

Remarks : Product conforms to IS 534:2021 Specification