

SPECIFICATION

M-Phenylenediamine

Parameters	Specification
CAS Number	108-45-2
Appearance	White to off-white crystalline solid
Molecular Formula	C ₆ H ₈ N ₂
Molecular Weight	108.14 g/mol
Boiling Point	254 °C
Melting Point	90 °C
Flash Point	150 °C
Purity	98–99%
Refractive Index	1.56
Solubility	Moderately soluble in water; soluble in organic solvents such as ethanol and acetone
Uses	Intermediary in dye and pigment production; used in polymerization and as an organic synthetic intermediate