

SPECIFICATION

Palladium on Activated Carbon 5%

| Parameters | Specification |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appearance | Black granular powder |
| Molecular Weight | 106.42 g/mol |
| Boiling Point | 2963 °C |
| Melting Point | 1555 °C |
| Flash Point | 500 °C |
| Purity | 99–99.5% |
| Solubility | Insoluble in water; insoluble in most organic solvents |
| Uses | Catalyst for hydrogenation and carbon–carbon coupling reactions; supported palladium catalyst on activated carbon used in pharmaceutical and chemical synthesis |