Technical Data Sheet

5% Palladium On Carbon

Formula	Pd/C (Heterogeneous Mixture)
Grade	RM 100319 RM 100121 RM 100421 RM 102021 RM 102121 RM 103020 RM 100420 RM 101524 RM 102021
Appearance	Fine Black Powder
Metal Loading	4.5% to 5.5 %
Active Metal	Palladium
Support Matrix	Activated Carbon
Moisture %	50% (Wet)

Storage Condition

- Store : Store in a tightly, closed container,
- Atmosphere: Store under an inert gas atmosphere (Nitrogen or Argon) to prevent oxidation and moisture absorption.
- Fire Prevention: Store away from open flames, sparks, heat sources, and combustible materials.

Application

- N-Debenzylation,
- Reductive alkylation,
- Nitriles to primary amines,

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- Hydrogenation of phenols to cyclohexanones,
- Hydrogenation of aromatic carbonyls to alcohols