Technical Data Sheet

Dichloro(1,5-cyclooctadiene)ruthenium(II), polymer

CAS No.	50982-12-2
Formula	$[Ru(COD)Cl_2]$
Molar Mass (gm/mol)	280.16
Grade	RM HC 332
Appearance	brown color crystalline powder
Metal Content	35.5%-36.5%
Melting Point (°C)	205°C

Storage Condition

- Store in a tightly closed container at ambient temperature

Application

- used with IMes to catalyze the dehydrogenative coupling of alcohols and amines to form amide bonds. In addition, [Ru(COD)Cl2] Â can also be used with NHC ligand to catalyze greener amide bond formation by dehydrogenative coupling of amines and alcohols.