



Technical Data Sheet

MATERIAL: Poly(2,6-dimethyl-p-phenylene oxide)

CATALOG NUMBER: 126

CAS NUMBER: 25134-01-4

DESCRIPTION: Poly(phenylene oxide)

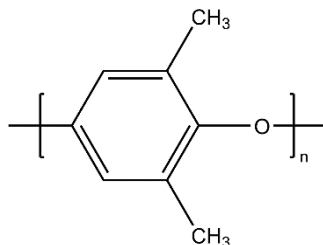
FORMULA: $(C_8H_{10}O)_x$

TYPICAL PROPERTIES:

Appearance:	Powder
Approx Mw:	50,000
Density:	1.06
Intrinsic viscosity:	0.40
Glass transition temp:	210°C
Melting point:	215°C
Solubility:	Benzene, chloroform, pyridine, THF, toluene

GENERAL INFORMATION: A condensation polymer prepared by oxidative coupling. The homopolymer is generally too difficult to process so that it is generally used in blends, especially to increase the heat resistance of styrenic polymers (PS, HIPS, SBS, etc.) Typical applications include automotive, appliances, machine housings and electrical parts.

STRUCTURE:



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