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Typical Product Specifications & Properties

Pentacosane

CAS Number: : 629-99-2

Specifications	Limits
Molecular weight	352.68
SMILES	<chem>C(CCCCCCCCCCCCCC)CCCCCCCCCCCCC</chem>
log P (octanol-water)	12.62
Boiling Point	401.9 °C
Henry's Law Constant	372 atm-m ³ /mole
Atmospheric OH Rate Constant	3.23E-11 cm ³ /molecule-sec
Water solubility	2.90E-08 mg/L
Melting Point	54 °C
Flash Point	>230 °F
Refractive Index	1.4380
Boiling Point	169-170 °C/0.05 mm Hg
Density	0,778 g/cm ³



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Specifications	Limits
Storage Temperature	room temp
Melting Point	53-56 °C
Form	Wax



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