

Technical Data Sheet

Polydimethylsiloxane

Product Description

PMS medium viscosity oils are linear polydimethylsiloxane polymers with kinematic viscosities of 100, 200, 350, 500,1000 eSt and more.

Silicone oil 120D eSt

Cas no: 63148-62-9

PHYSICAL AND CHEMICAL PROPERTIES

	Description	Unit	Result
1	Viscosity	cSt	1000
2	Appearance	----	Crystal clear ,Fluid
3	Specific Gravity	25°c	0.97
4	Refractive Index	5	1.39-1.41
5	Surface Tension a	Dynes/cm	21
6	boiling Point	c°	>200
7	Volatile Content	%	0.12
∧	Flash point Close cup	–	>200
∧	Flash point Open cup	–	>150
∧ •	Solubility in Tynical Solvents	Aromatic Solvents	High
		Aliphatic Solvents	High
		Water	Poor
		Dry Alcohol	Poor