

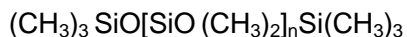


Changzhou Juyou New Material Tech Co.,Ltd.

JY-201 polydimethyl Silicone Oil

1 Chemical Name

PDMS(polydimethyl-siloxane) // dimethyl silicone polymer



2 Features

- 1). transparent, odorless, non-toxic, non-corrosive and Inert, non-reactive liquid
- 2).perfect heat- resistance, cold-resistance and oxidation-resistance,
- 3). low temperature coefficient of viscosity, Good dielectric and electrical insulating properties over a wide range of temperatures and frequencies , (-50°C to 200°C)
- 4). strong shearing-resistance, good transmission of light, low surface tension, excellent water repellency and moisture resistant and low volatilition.

3 Main Physical Index

		Main Physical Index				
NO	ITEM NO	Viscosity (25°C) mm ² /s	Frash point (°C)≥	Specific Gravity (25°C) , g/cm ²	index of refraction	Volatiltion (150°C, 3h) ,%≤
1	JY201-5	5±1	115	0.92~0.93	1.3800~1.39	—
2	JY201-10	10±1	150	0.931~0.939	1.3900~1.4010	—
3	JY201-20	20±2	200	0.946~0.955	1.3950~1.4050	—
4	JY201-50	50±5	260	0.956~0.964	1.4000~1.4100	—
5	JY201-100	100±5	290	0.961~0.969	1.4000~1.4100	1.5
6	JY201-300	300±20	290	0.961~0.969	1.4000~1.4100	1.5
7	JY201-350	350±25	290	0.965~0.973	1.4000~1.4100	1.5
8	JY201-500	500±25	295	0.966~0.974	1.4000~1.4100	1.5
9	JY201-1000	1000±50	300	0.967~0.975	1.4000~1.4100	1.5

10	JY201-5000	5000±250	310	0.967~0.975	1.4010~1.4120	1.5
11	JY201-10000	10000±500	310	0.967~0.975	1.4010~1.4120	1.5
12	JY201-100000	100000±5000	315	0.967~0.975	1.4010~1.4120	1
13	JY201-125000	125000±5100	315	0.967~0.975	1.4010~1.4120	1

4 Manily Application(Typical Uses)

- 1)Textile industry, in the production and proccession of printing and dyeing of the textile,yarn, fabric or thread;
- 2) Mechanical fluids;
- 3) Dielectric coolants;
- 4) Insulating and damping fluids for electrical and electronic equipment
- 5) Release agents
- 6) Foam control
- 7) Surface management fluids
- 8) Lubricants suitable for rubber, pvc, Plastic bearings, gears and confidential mechanical and instrument.
- 9) Ingredients for cosmetic and personal care formulations, polishes and specialty chemical products
- 10) Plastics additives

5, package and transportation

- 1, plastic-coated iron: 200kg/barrels
- 2: 50kg/ 25 kg / 5kg / plastic drum
- 2, this product should be stored in clean, sealed containers and to be placed in dry, cool, ventilated place.
- 3, the product according to the non-dangerous goods storage and transportation.