
Technical Data Sheet

Product name: polyethylene oxide

Molecular formula: H- (-OCH₂CH₂-) n-OH

Appearance: White granular powder

Softening point: 65-67 °C

Apparent density: 0.2-0.5 (kg/L)

True density: 1.15-1.22 (kg/L)

PH: 7-10 (0.5wt% Water)

Ash content: ≤2.5%

Decomposition temperature: 423-425 °C

Molecular weight range: 5-1000x10⁴

Type	Average Molecular weight(x10 ⁴)	Viscosity(mPa.S)
JL-010	5-20	4#Cup 10-30
JL-020	20-60	50-2500 (5%)
JL-030	60-150	2500-7500 (5%)
JL-040	150-240	20-70 (0.5)
JL-050	240-330	70-130 (0.5)
JL-060	330-430	130-250(0.5)
JL-070	430-480	250-430(0.5)
JL-080	480-600	490-600(0.5)
JL-090	600-800	600-800(0.5)