



**Comparison of POLYOX™ Grades for Pharmaceutical Applications**

POLYOX™ NF Water-Soluble Resins:	N10 -NF	N80 -NF	N750 - NF	205 - NF	1105 - NF	N12K - NF	N60K - NF	301 - NF	Coagulant - NF	303 - NF
Approximate molecular weight	100,000	200,000	300,000	600,000	900,000	1,000,000	2,000,000	4,000,000	5,000,000	7,000,000
Viscosity (cP 5%, 2%*, 1%** solution)	30-50	55-90	600-1,200	4,500-8,800	8,800-17,600	400-800*	2,000-4,000*	1,650-5,500**	5,500-7,500**	7,500-10,000**
Particle size, % thru 10 mesh	100	100	100	100	100	100	100	100	100	100
Particle size, % thru 20 mesh	96-100	96-100	96-100	96-100	96-100	96-100	96-100	96-100	96-100	96-100
Particle size, % thru 100 mesh	35-75	35-75	35-75	35-75	35-75	35-75	35-75	35-75	35-75	35-75
Particle size, % thru 200 mesh	40 max	40 max	40 max	40 max	40 max	40 max	40 max	40 max	40 max	40 max
Loss on Drying (weight %)	1.0 max	1.0 max	1.0 max	1.0 max	1.0 max	1.0 max	1.0 max	1.0 max	1.0 max	1.0 max
Free Ethylene Oxide (ppm)	10 max	10 max	10 max	10 max	10 max	10 max	10 max	10 max	10 max	10 max
If LEO designation, Free EO (PPM)	1 max	1 max	1 max	1 max	1 max	1 max	1 max	1 max	1 max	1 max
If FP designation, % thru 60 mesh	N/A	96-100	96-100	96-100	96-100	96-100	96-100	96-100	96-100	96-100
If SFP designation, % thru 100 mesh	N/A	96-100	96-100	96-100	96-100	96-100	96-100	N/A	96-100	96-100

(These are typical properties, not to be construed as specifications)