

EXPANSORB® polymers: catalog and bulk specifications

Poly (D/L-Lactide) or PLA			
L/DL Lactide	IV (dl/g)	Mw (kDa)	Expansorb®
100	0.05-0.20	04-20	10P006
100	0.15-0.30	10-25	10P005
100	0.40-0.60	40-75	10P018
100	0.60-0.80	65-110	10P036
100	0.15-0.30	10-25	10P014
10	1.30-1.70	200-250	10P039
Poly (D/L-Lactide-co-Glycolide) or PLGA			
L/G	IV (dl/g)	MW (KDa)	Expansorb®
45/55	n/a	15-30	10P032
50/50 E	0.40-0.35	42-65	10P001
50/50	0.65-0.90	80-130	10P012
50/50	0.25-0.40	15-40	10P017
50/50	0.15-0.25	05-20	10P019
50/50	0.47-0.53	50-60	10P028
50/50	0.55-0.65	60-85	10P034
50/50 E	0.60-0.70	70-100	10P016
50/50 E	0.50-0.65	60-85	10P022
50/50 E	0.15-0.25	05-20	10P024
55/45	0.40-0.50	42-65	10P031
65/35	0.50-0.65	45-85	10P013
65/35	0.25-0.35	15-40	10P030
65/35 E	0.50-0.65	45-85	10P010
75/25	0.38-0.48	40-55	10P042
75/25	0.38-0.64	39-80	10P002
75/25	0.60-0.90	70-130	10P003
75/25	0.80-1.10	100-166	10P004
75/25	0.08-0.21	05-20	10P015
75/25	0.60-0.70	65-85	10P021
75/25 E	0.66-0.80	80-115	10P011
75/25 E	0.75-1.00	100-150	10P027
75/25 E	0.15-0.30	10-25	10P033
75/25 E	0.30-0.50	25-60	10P035
85/15	1.00-1.30	ND	10P040
85/15	0.55-0.75	65-95	10P008
85/15	0.25-0.35	14-26	10P038
85/15	0.15-0.25	10-20	10P020
85/15 E	0.25-0.35	14-26	10P044
85/15 E	0.55-0.75	65-95	10P009
85/15 E	1.00-1.30	150-220	10P043
90/10	0.35-0.55	30-70	10P007
90/10	0.60-0.70	60-95	10P029
95/5	0.15-0.25	05-20	10P023
95/5	0.25-0.50	25-60	10P025
Copolymer PLA-PEG or PLGA-PEG			
L/G	IV (dl/g)	MW (KDa)	Expansorb®
50/50 P	0.71-0.86	77-118	10P026
50/50 P	0.55-0.70	36-77	10P037
100 P	0.33-0.58	30-60	10P045
100 P	0.59-0.84	55-115	10P047
75/25 P	0.50-0.70	45-80	10P046
75/25 P	0.70-0.90	80-125	10P048

Additional specs: Bacterial Endotoxins (<5IU/g); TAMC (≤100 CFU/g); TYMC (≤50 CFU/g)
 DMF: Drug Master File type IV available - **IV**: Inherent Viscosity - **MW**: Molecular Weight (kDa) - **E**: Ester - **PEG**: polyethylene glycol - **PLA**: poly (D/L, L) lactide - **PLGA**: poly (D/L-lactide-co-glycolide).



Poly(ε-caprolactone)
PCL
 Expansorb®
 10P201 (IV: 2,15 2,40)
 10P202 (IV: 1,35-1,65)
 10P203 (IV: 1,00-1,25)
 10P204 (IV: 0,40-0,65)



Custom polymers services

- Specific developments under CDA
- Full development capacity in house: from kilolab to industrial scale
- Large scale capacity (FDA inspected sites)
- Analytical resources and manufacturing units operate according to ICHQ7 and cGMP guidelines
- Full regulatory support: IMPD, DMF filling
- Long term storage (Expansorb®): below -15°C, under dry inert atmosphere

Project management

Project leader and regular reporting
 Confidentiality and strict respect of customer's IP

SEQENS

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