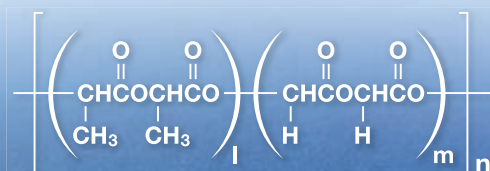


Quality

- Least residual solvent
- Well-controlled molecular weight
- BSE/TSE free

PLGATM

Poly (DL-Lactide-co-Glycolide)



- Made to order

Service

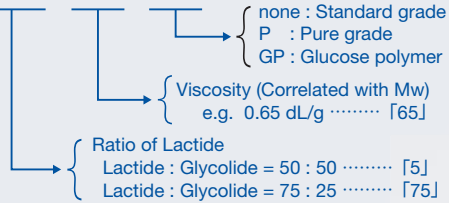
Reliability

- GMP (IPEC)
- Drug Master File
 - US FDA
 - Health Canada
- Supplied for over 15 years
- Dedicated plant in Japan

Application

- Excipient for controlled release drugs

PLGA™ MN-VV



Example of grade

Grade		Co-polymer Ratio (mol%)		Inherent Viscosity	Molecular Weight	Residual Monomer (%)		Tin	Heavy Metals	Sulphated Ash
		USP761		USP911	In-house	USP621		USP851	USP231	USP281
		GLD	LTD	(dL/g)	(kDa)	GLD	LTD	(ppm)	(ppm)	(%)
Standard Grade	PLGA™ 5-50	45-55	55-45	0.45-0.55	45-55	< 2.0	< 2.0	< 50	< 10	< 0.1
	PLGA™ 75-50	20-30	80-70	0.45-0.55	50-60					
	PLGA™ 75-65			0.60-0.70	62-76					
	PLGA™ 75-75			0.70-0.80	78-90					
Pure Grade	PLGA™ 75-16P	20-30	80-70	0.13-0.19	9-14	≤ 0.5	≤ 0.5			

Custom-made

Copolymer Ratio (%)	GLD	0 ↔ 100
	LTD	100 ↔ 0
Molecular Weight		8,000 ↔ 100,000
End Cap		Acid Ester PEG* Glucose*
Purification		Standard Pure (less monomer)*

*Developmental Stage

Hydrolysis

In phosphate buffer (pH=7.3), temp: 37 °C

