

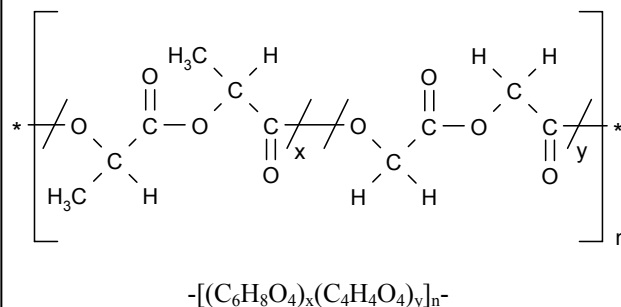
RESOMER[®] RG 503

Chemical name: Poly(D,L-lactide-co-glycolide)

CAS number: 26780-50-7

Material number: 60640661

16 October 2008



Specification

Description:	white to off-white solid
Odour:	nearly odourless
Identity:	NMR-spectrum conforms to reference Acid number max. 2 mg KOH/g
Polymer composition:	48:52 to 52:48 molar ratio D,L-lactide : glycolide
Inherent viscosity:	0.32 - 0.44 dl/g 0.1 % in chloroform, 25 °C
Residual monomer:	max. 0.5 % D,L-lactide monomer max. 0.5 % glycolide monomer
Residual solvent:	max. 0.1 % acetone max. 890 ppm toluene max. 0.1 % total
Water:	max. 0.5 %
Tin:	max. 100 ppm
Heavy metals:	max. 10 ppm
Sulphated ash:	max. 0.1 %