



Technical Data Sheet

MATERIAL:	Poly(methacrylic acid)	
CATALOG NUMBER:	709	
CAS NUMBER:	25087-26-7	
DESCRIPTION:	Homopolymer of methacrylic acid	
FORMULA:	$(C_4H_6O_2)_x$	
TYPICAL PROPERTIES:	Appearance:	Powder
	Reduced viscosity:	Approx 1.0 dl/g
	Glass transition temp:	228°C
	Solubility:	Dilute aqueous sodium hydroxide, methanol, water
GENERAL INFORMATION:	Applications include thickening agents, textile sizing, drilling muds, flocculating agents, and dispersing agents.	
STRUCTURE:		