

Abbreviations, Acronyms and Symbols

®	Registered trademark
°C	degree Centigrade
AA	Acrylic acid
AIBN	Azo-iso-butyronitrile
AM or ACR	Acrylamide
AMPS	2-Acrylamido-2-methyl propane sulfonic acid
AN or CAN	Acrylonitrile
BA	Butyl acrylate
BDDA	Butane diol diacrylate
BOD	Biological oxygen demand
BP	Benzoyl peroxide
CA	Commercially Available
cc	cubic centimeter
CH	Cyclo hexane
COD	Chemical oxygen demand
CMS	Carboxy methylated starch
cP	centi-Poise
DMF	Dimethyl formamide
DMSO	Dimethyl sulfoxide
DVB	Divinyl benzene
Dyn	Dyne
EA	Ethyl acetate
EGDGE	Ethylene glycol diglycidyl ether
EGDMA	Ethylene glycidyl methacrylate
EHA	2-Ethyl hexyl acrylate
EHP	di(2-Ethyl hexyl) peroxydicarbonate
EMA	Ethyl methacrylate
g	Gram
GG	Guar gum
GAA	Glacial acrylic acid

GPC	G el p ermeation chromatography
h	H our
HEMA	H ydroxy ethyl m ethacrylate
HMDA	H examethylene d iamine
ISO	I nternational O rganization for S tandardization
IPNs	I nterpenetrating p olymer n etworks
kg	K ilogram
L	L itre
LP or LPO	L auryl p eroxide
MA	M ethyl a crylate
MAA	M ethacrylic a cid
MAM	M ethacrylamide
MAN	M ethyl a crylonitrile
m	M eter
Mg	m illi-gram
Min	M inute
mL or ml	m illi-liter
MBA	N,N' - m ethylene b is- a cylamide
MMA	M ethyl m ethacrylate
Mmol	m illi- m ole
Mol	M ole
mPa·s	m illi- P ascal-second
N	N ewton
NaPS	S odium(Na) p ersulfate
NMA	N - m ethylol a crylamide
NMP	N - m ethyl-2- p yrrolidone
N-t-BuAm	N-t - B utyl a crylamide
ODSH	O ctadecyl mercaptan(SH)
Pa·s	P ascal-second
P	P oise
PGA	P olyethylene g lycol
PMPS	P otassium m onopersuphate
PS	P olystyrene

PVA	P oly v inyl a lcohol
rpm	r evolutions p er m inute
s	s econd
SA	S odium a lginat e
SAP	S uper A bsorbent P olymer
mSAP	M icroencapsulated S uper A bsorbent P olymer
SBS	S odium b isulfat e
TAA	T riallyl a min e
TAP	T riallyl p hospha t e
TBHP	t ert- B ytyl h ydroperoxide
T_g	g lass transition t emperat u re
TMPTA	T rimethyl p ropane t riacrylate
™	T rade M ark
UV	U ltra v iolet