

Glossary of common Abbreviations and Acronyms

AA	Acrylic Acid
AIBN	2,2' – Azo – bis – isobutyronitrile
AOT	2 – Ethyl hexyl sodium sulphosuccinate
APS	Ammonium per sulphate
BZ₂O₂	Benzoyl peroxide
BA	Butyl acrylate
CTAB	Cetyl trimethyl ammonium bromide
DDAB	di – dodecyl ammonium bromide
DLS	Dynamic Light Scattering
DTAB	Dodecyl trimethyl ammonium bromide
DTA	Differential Thermal Analysis
DSC	Differential Scanning Calorimetry
EA	Ethyl acrylate
EGDMA	Ethylene Glycol di methacrylate
EVM	Error – in – Variable
FR	Fine Mann Ross
GPC	Gel Permeation Chromatography

HEMA	Hydroxy ethyl methacrylate
IR	Infra red Spectroscopy
KPS	Potassium per sulphate
MA	Methyl acrylate
MMA	Methyl methacrylate
NLLS	Non Linear Least Square
PCS	Photon Correlation Spectroscopy
PSD	Particle Size Distribution
SANS	Small Angle Neutron Scattering
SEM	Scanning Electron Microscopy
SHOA	Sodium 12 – hexinoyloxy – 9 – octadecenate
Sty	Styrene
TM	Tidwell Mortimer
UV	Ultra Violet
V 50	(2,2 ' – azobis (2 – amidinopropane) dihydro chloride)