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ABBREVIATIONS

boiling point b.p.

°C degrees Celsius

azo-bis-isobutyronitrile AIBN

ethylene glycol dimethacrylate **EGDMA**

poly(2-hydroxyethyl methacrylate) P(HEMA)

polyvinylpyrrolidone **PVP**

poly(2-hydroxyethyl methacrylate-co-vinylpyrrolidone) P(HEMA-co-VP)

infrared spectrometry IR

thermogravimetry TG

equilibrium water content **EWC** water vapour transmission WVT

interpenetrating polymer network **IPN**

hour hr minute min

weight by weight w/w

volume by volume