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from their hydrophilic functional groups attached to the polymer backbone while their resistance to dissolution arises from cross-links between network chains (Tanaka 1981; Shibayama and Tanaka 1993).

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1 Production of

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crystal, macroporous polymer, and polymeric nanocomposite, each with high crystalline qualities and wafer-scale sizes. Dispersion of monodisperse silica colloids in triacrylate monomers is spin-coated onto a variety of substrates.

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Characterization, and
Applications. Jens

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Purely meso- or
macroporous polymers

will not be discussed
within this contribution

in detail. ... Polymer

modification has been
identified as an

alternative way to tune
and enhance the

properties of

microporous soluble

polymers. Various ...

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order lamellar Ti6Al4V
scaffolds with
macropores and high
porosity has been
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Thiol-ene and thiol-yne
reactions are explored
as efficient pathways
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production of diverse

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straightforward
method, polymer
beads containing
amine, hydroxyl and
carboxyl groups have
been prepared by
reacting a
tetrafunctional thiol wi

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until now.

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**Shape-memory
polymer - Wikipedia**

Analytical solutions for
finished product quality
control: additives,
copolymer levels,
thermal stability of
PVC, water/moisture
content, halogen/sulfur
content, residual
monomer content.

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Mattiasson, Ashok**

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Kumar, Igor Yu ...

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Characterization,
and ...**

The development of

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thermoreponsive
hydrogel design:
tuning hydrogel
properties by mixing
precursor polymers
with different lower ...

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organized resource,
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supplies a systematic
presentation of the...

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Porous polymeric
media (polymer foams)
are utilized in a wide
range of applications,
such as thermal and

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