

**POLYMER, RADIATION SENSITIVE COMPOSITION FOR COLOR
FILTERS, COLOR FILTER AND COLOR LIQUID CRYSTAL DISPLAY
DEVICE OR PANEL**

ABSTRACT

A polymer obtained by reacting a polymer having a
carboxyl group or carboxylic anhydride group and a hydroxyl
5 group with an isocyanate having a (meth)acryloyl group. This
polymer provides a radiation sensitive composition for color
filters when it is mixed with a colorant, a polyfunctional
monomer and an optical radial generator. This composition
does not produce an undissolved product or scum on the pattern
10 edge at the time of development and provides a color filter
having pixels and a black matrix without a missing part or
undercut of the pattern edge even when the amount of exposure
is small.