

ABSTRACT

VISCOSITY LOWERING AGENT FOR HIGH-REFRACTIVE INDEX
POLYMERIZABLE COMPOUND AND POLYMERIZABLE COMPOSITION
COMPRISING SAME

- 5 There are provided an object for overcoming the trade-off between a lower Abbe
number and a lower viscosity, and a high-refractive index viscosity lowering agent that
causes few losses of the refractive index when added, and a polymerizable composition
comprising the same. A method for using a compound as a viscosity lowering agent for
a high-refractive index polymerizable compound having at least one polymerizable
10 double bond and exhibiting a refractive index of 1.60 or more at D-ray (589.3 nm) in a
cured product of the high-refractive index polymerizable compound,
the compound being in a solid state of matter at 23°C under 1013.25 hPa and
having a melting point of lower than 100°C, wherein a viscosity of the compound at
100°C is 10 mPa·s or less, and a cured product of the compound has an Abbe number of
15 23 or less at D-ray (589.3 nm).
(No drawing to be published)