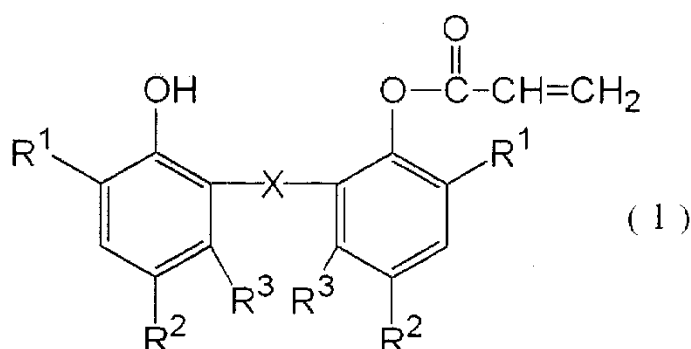


AMORPHOUS COMPOUND AND STABILIZER FOR POLYMERS CONTAINING THE AMORPHOUS COMPOUND

ABSTRACT

A stabilizer for polymers with suppressed powder scattering is demanded. An amorphous compound defined by the following formula (1):



wherein R¹ and R² independently denote a hydrogen atom, an alkyl group, or a cycloalkyl group; R³ denotes a hydrogen atom or an alkyl group; X denotes a single bond, a sulfur atom, an oxygen atom, an alkylidene group with 1 to 8 carbon atoms, or a cycloalkylidene group: having an endothermic peak at 15 to 25°C determined by differential scanning calorimetry (DSC) and a solution rate of 5 mg/sec or higher in cyclohexane at 25°C in the following test system:

in the test system for solution rate,

the measurement is carried out by loading a container (capacity: 100 ml, outer diameter: 55 mm, height: 70 mm) containing 50 g of cyclohexane at 25°C with 3 g of a test substance; rotating fan type stirring blades with 38 mm diameter at a rotation speed of 100 rpm; and measuring the time taken for the test substance to be dissolved.

Fig. 1