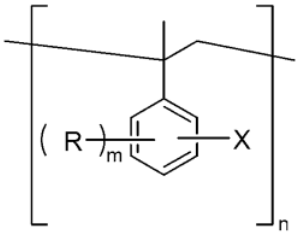
Claims

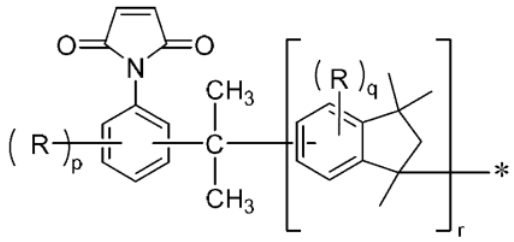
[Claim 1]

A maleimide compound represented by the following formula (1):



(1)

(In formula (1), each of a plurality of R's exists independently and represents a hydrocarbon group or a halogenated alkyl group having 1 to 10 carbon atoms. X represents the following formula (2). m is an integer of 0 to 4, n is an average number of repetitions, and n satisfies $1 \leq n \leq 20$.)

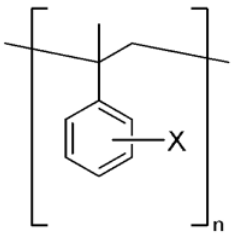


(2)

(In formula (2), each of a plurality of R's exists independently and represents a hydrocarbon group or a halogenated alkyl group having 1 to 10 carbon atoms. p is an integer of 0 to 4, q is an integer of 0 to 3, r is an average number of repetitions, and r satisfies $1 \leq r \leq 20$. * represents the bonding position with the aromatic ring in formula (1).)

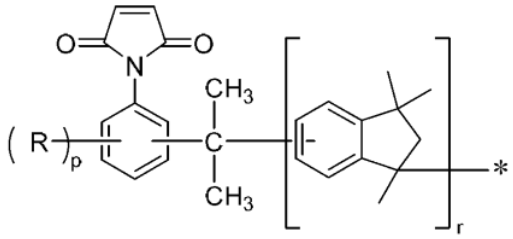
[Claim 2]

A maleimide compound represented by the following formula (3):



(3)

(In formula (3), X represents the following formula (4). n is an average number of repetitions, and n satisfies $1.1 \leq n \leq 20$.)



(4)

(In formula (4), each of a plurality of R's exists independently and represents a hydrocarbon group having 1 to 5 carbon atoms. p is an integer of 0 to 4, r is an average number of repetitions, and r satisfies $1.1 \leq r \leq 20$. * represents a bonding position with the aromatic ring of the compound of formula (3).)

[Claim 3]

The maleimide compound according to claim 2, wherein in the formula (4), p is 2 and the substitution position of R is the ortho position relative to the maleimide group.

[Claim 4]

A curable resin composition comprising the maleimide compound according to any one of claims 1 to 3.

[Claim 5]

The curable resin composition according to claim 4, further comprising a radical polymerization initiator.

[Claim 6]

A cured product obtained by curing the curable resin composition according to claim 4 or 5.