

ABSTRACT

PHENOL RESIN BASED MOLDING MATERIAL

A phenolic resin molding compound, which is thermally stable in a heating
5 cylinder, is provided. By using the phenolic resin molding compound, moldings with an
excellent dimensional precision can be obtained. The phenolic resin molding compound
comprises: (A) a novolac phenolic resin with an o/p ratio (ortho/para ratio) of 0.7 to 0.9;
(B) a novolac phenolic resin with an o/p ratio of 1.1 to 1.3; (C) talc; and (D) a
polyethylene or polyethylene/polypropylene copolymer. The amount of (D) the
10 polyethylene or polyethylene/polypropylene copolymer relative to a total weight of the
phenolic resin molding compound is 0.5 to 1.5 weight %. It is preferable that the total
amount of (A) and (B) is 20 to 40 weight %, and the amount of (C) is 5 to 15 weight %.

No figure