

A VINYL AROMATIC/KETONE POLYMER COMPOSITION

ABSTRACT

A vinyl aromatic composition having improved properties consisting of in combination a vinyl aromatic polymer and a ketone polymer. The vinyl aromatic polymer is a moldable polymer preferably an acrylonitrile-butadiene-styrene polymer and the ketone polymer is a polymer of a carbon monoxide and at least one unsaturated compound. The amount of vinyl aromatic resin is slightly greater than 50 weight % to about 99.5 weight % and, correspondingly, a ketone polymer of about 0.5 weight % to slightly less than about 50 weight % wherein the weight % is based on the total weight of the vinyl aromatic polymer and ketone polymer. The improved properties obtained were better heat performance and elongation over the vinyl aromatic polymer alone.