

IMPROVED MELT AND COLOR STABILIZATION OF ALIPHATIC
POLYKETONES

ABSTRACT OF THE INVENTION

An aliphatic ketone polymer composition having during melt processing improved melt stabilization against significant cross linking and reduced discoloration wherein the composition has in addition to the aliphatic ketone polymer an additive stabilizer comprising a polyol such as sorbitol and an aluminum hydroxide, or an alumina hydrogel, or decomposition products thereof such as pseudo-boehmite. The additive is present in an amount of about 0.01 to about 10.0 weight % based on the weight of ketone polymer and additive.

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