

ABSTRACT OF THE DISCLOSURE

An apparatus and method to produce radiopaque medical implants such as catheters, stents, or other implants. A composition of a radiopaque brominated polyurethane coat and a polyurethane tubing core is formed. In one embodiment, the polyurethane coat includes a
5 diisocyanate and a brominated diol having a bromine concentration of 30% or more. The coat is applied to the elastomeric polyurethane tubing core surface. The medical implant takes advantage of employing a brominated radiopaque polyurethane with the tensile properties, for example of flexibility and kink resistance, of the elastomeric thermoplastic polyurethane tubing core without degrading these desirable characteristics.

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