

PVDF Copolymer for Minimally Invasive Catheters

MDT Staff



Arkema has introduced Kynar Rx 752 polyvinylidene fluoride (PVDF) copolymer for use in minimally invasive medical catheters that are exposed to bodily fluids for less than 30 days. Kynar Rx 752 copolymer exhibits exceptional flexibility, very low friction, and can be melt extruded in single or multi-layers for catheter shafts and other performance medical tubing.

The Kynar Rx 752 fluoropolymer was specifically developed for medical catheter applications and is readily melt processed using standard extrusion or injection molding equipment similar to those used to process polyethylene (PE), polyvinylidene chloride (PVC) or polypropylene (PP). This allows for continuous co-extrusion of multilayer constructions used in advanced catheter shaft designs. Additionally, Kynar Rx copolymer tubes and molded components can be welded together using radio frequency (RF), direct heat contact, and ultrasonic methods to create consolidated catheter components.

For more information, visit www.kynar.com [1].

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<http://www.mdtmag.com/product-releases/2013/10/pvdf-copolymer-minimally-invasive-catheters>

Links:

[1] <http://www.kynar.com>

