

Typical applications for Rilsan[®] MED and Rilsamid[®] MED :

- Medical Tubing
- Catheters
- Medical molded components such as needle fittings for syringes
- Minimally invasive devices
- Nutritional bags

RILSAN[®] AND RILSAMID[®] MEDICAL GRADE POLYAMIDES

Medical grade Rilsan[®] polyamide 11 and Rilsamid[®] polyamide 12 are thermoplastic polymers used in applications that require the strength and performance characteristics of a true thermoplastic, while also offering sufficient flexibility and elongation approaching that of some elastomers. Rilsan[®] and Rilsamid[®] polymers are easy to process by most methods including extrusion, extrusion blow molding, injection molding, and rotomolding. The product matrix accommodates countless additives and filling agents, such as plasticizers, stabilizers, colorants, lubricants, impact modifiers, glass fiber and carbon fiber.



Medical use

- Certifications
 - USP Class VI
 - ISO 10993-4
 - ISO 10993-5
- Sterilization feasibility (ETO, steam, gamma up to 10 Mrads)

Key Properties

- Excellent resistance to chemicals (particularly hydrocarbons)
- Ease of processing
- Wide range of working temperatures [-40°C-130°C (-40°F-266°F)]
- High dimensional stability and low density

Grades available

- Rilsan[®] MED: BMNO MED, BESNO MED, BESVOA MED, 8020
- Rilsamid[®] MED: AMNO MED, AESNO MED