NEW

REZALLOY Rx®

Medical PEBA Alloys

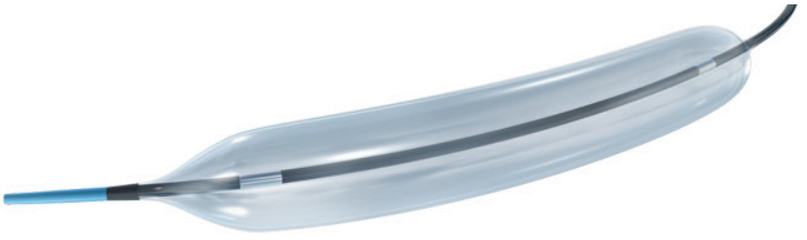
Available exclusively by Compounding Solutions, ReZalloy ® Rx 1200 Series—a groundbreaking material line engineered to meet the evolving demands of today's high-performance medical devices, including next-generation catheters and minimally invasive systems. The ReZalloy ® Rx 1200 series is a low modulus PEBA Alloy with a hardness range available from 45ShA-70ShA. This product line adds to Compounding Solutions successful and innovative ReZalloy ® Rx 1100 series.

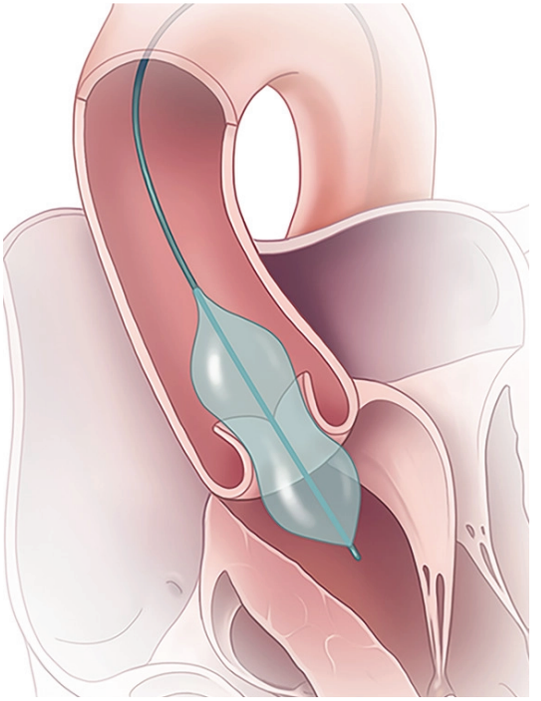
Bondable to TPU, Polyester, PEBA, PC, ABS, SBC, and PET
High Melt Strength
Superior Flexibility
Biocompatible
Low Tackiness

Applications

ReZalloy ® Rx 1200 grades provide low modulus propertes and exceptonal bonding performance, making it ideal for the following applicatons:

- Neurovascular Catheters
- Cardiovascular Catheters
- Extrusion
- Injection Molding



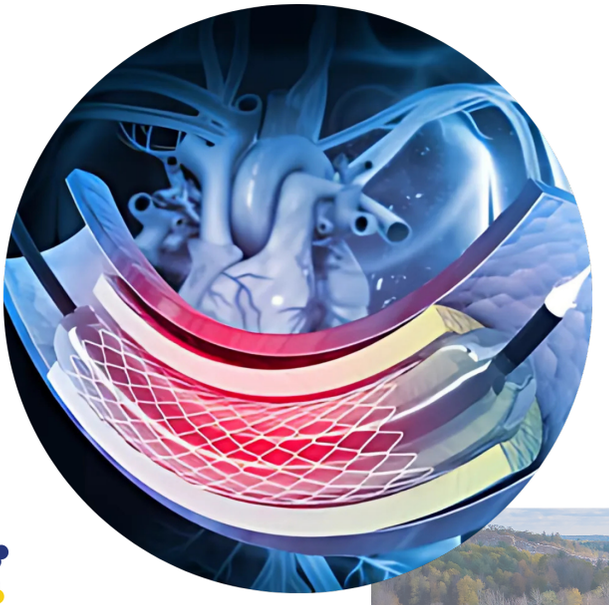


ReZalloy ® Rx 1200 Series

ReZalloy ® Rx fills the gap in the medical polymer market for a low modulus PEBA alloy that can adhere to styrene block copolymers and polar materials. Unlike traditional TPEs, ReZalloy ® Rx 1200 has excellent adhesion, making it the ideal flexible material designed for extrusion.

ReZalloy ® Rx 1200 Material Properties

Property	1245	1250	1250-LV	1260	1270
Durometer (ASTM D2240)	45A	50A	50A	60A	65A
Tensile Strength at 50% Elongation (ASTM D412)	100 psi	125 psi	130 psi	200 psi	290 psi
Ultimate Tensile Strength (ASTM D412)	310 psi	450 psi	600 psi	1100 psi	1500 psi
Ultimate Elongation (ASTM D412)	470%	610%	700%	790%	750%
Melt Flow - 190°C, 8.7kg (ASTM D1238)	9 g/10min	38 g/10min	85 g/10min	11 g/10min	11 g/10min





Compounding Solutions®

Compounding Solutions® Europe

Compounding Solutions is a global leader in custom engineered thermoplastic compounds, color concentrates and additive masterbatches for medical applications. We produce compounds of the highest quality and consistency in our controlled production area and offer complimentary technical expertise, full regulatory support, and MOQs of just 1kg in an optimized process built for speed.

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