

Tecoflex™ EG-93A-B40

Technical DataSheet | Supplied by Lubrizol

Tecoflex™ EG-93A-B40 by Lubrizol is polyether based thermoplastic polyurethane grade reinforced with 40% barium sulfate. Exhibits good UV stability, good mechanical properties and radiopacity.

Is suitable for processing by extrusion and injection molding.

Tecoflex™ EG-93A-B40 is recommended for medical and healthcare applications.

Product Type	TPU or TPE-U (Thermoplastic Polyurethane) > TPU, Polyether
Physical Form	Pellets
Appearance	Pale Yellow
Product Status	COMMERCIAL
Applications/ Recommended for	Healthcare / Medical > Medical goods Extrusion Injection molding - thermoplastics
Key Features	Colorability, Good Radiopaque UV-Stabilized

Tecoflex™ EG-93A-B40 Properties

Mechanical	Value & Unit	Test Condition	Test Method
Tensile Strength, Ultimate	6500 psi		ASTM D412
Tensile Elongation, Ultimate	430 %		ASTM D412
100% Modulus	1400 psi		ASTM D412
200% Modulus	2000 psi		ASTM D412
300% Modulus	3100 psi		ASTM D412

Flexural Modulus	4700 psi	ASTM D790
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Hardness, Shore A	95	ASTM D2240
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Physical	Value & Unit	Test Condition	Test Method
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Linear Mold Shrinkage	0.006 - 0.010 in/in	1"x.25"x6" bar	ASTM D955
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Specific Gravity	1.52		ASTM D792
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