

Elastomeric oligomers

Example Thermoplastics

TPE

SBR

Silicone

EVA



Sartomer® elastomeric oligomers enable the design of rubber-like, highly elastic resins with soft touch, rebound, and excellent tear resistance. These oligomers provide exceptional stretch and recovery for end-use applications requiring comfort, resilience, and design freedom.

SELECTED OLIGOMERS FOR 3D PRINTING

Neat Properties

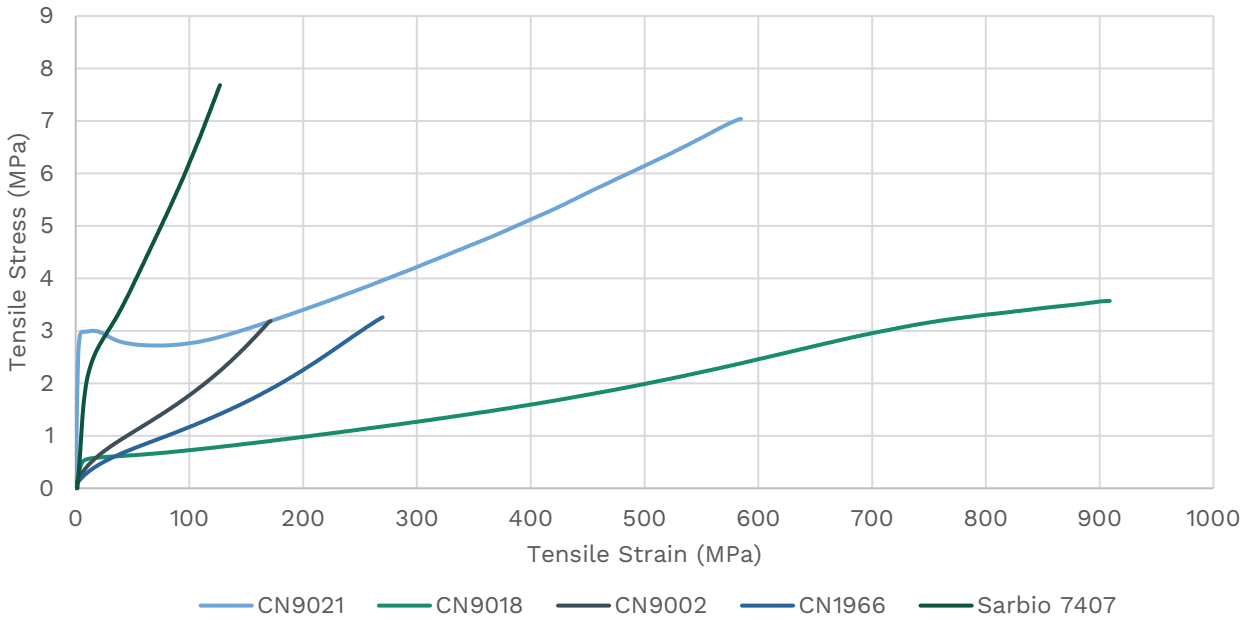
	CN9021	Sarbio® 7407	CN9018	CN9002	CN1966
Functionality	2	2	2	2	2
Viscosity @ 60°C (cP)	3100	20230	45000	3000	7500
Tg, DSC (°C)	-54	-43	-55	-50	-40

40% Sarbio® 5102 (IBOA) Dilution

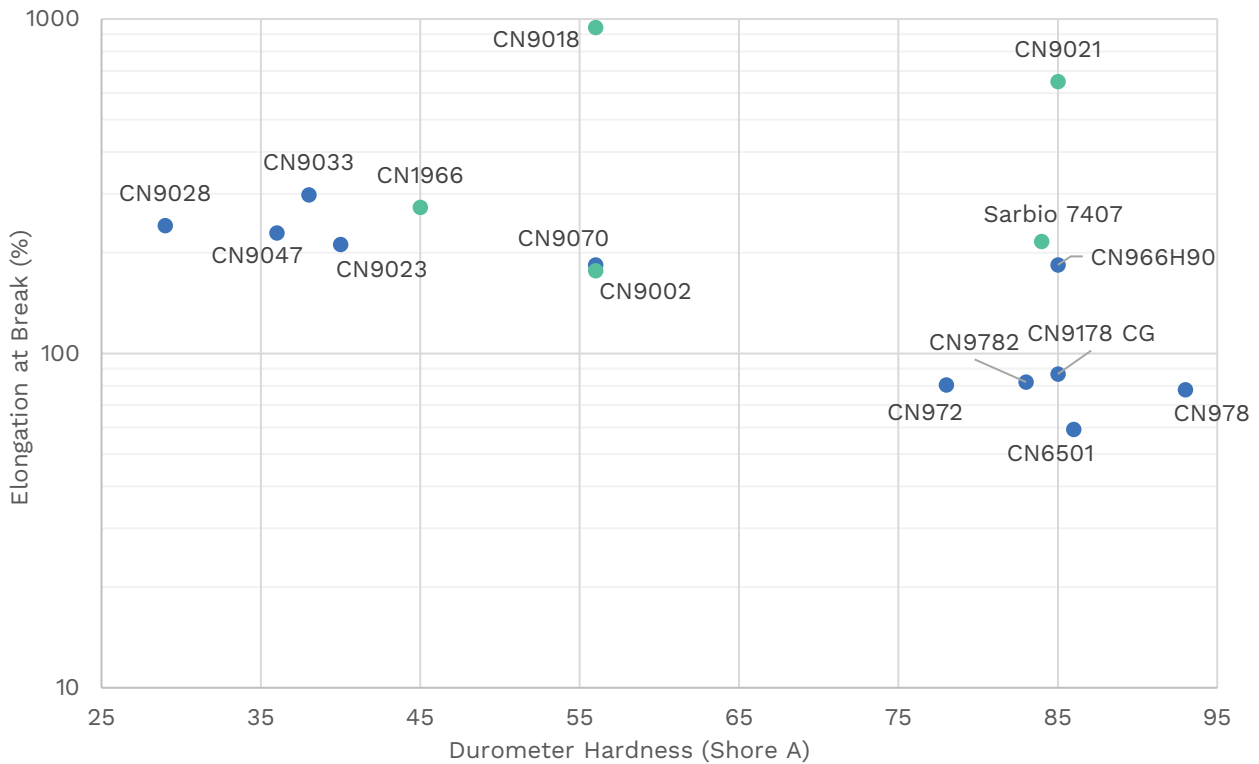
	CN9021	Sarbio® 7407	CN9018	CN9002	CN1966
Viscosity, 25°C (cP)	3060	8370	6360	3070	5030
Hardness (Shore A)	85	84	56	56	45
Tensile Strength (MPa)	8.0	7.7	2.7	3.4	3.2
Elongation (%)	650	216	943	177	273
Tg, Peak Tan Delta (°C)	-44	-48	-45	18	-37
Availability	US	US & EU	US	US & EU	US & EU
Highlights	Resistant to fracture, dielectric	84% USDA certified bio-based	Soft touch, extreme elongation	Low viscosity	Suited for soft applications

* Contact your local sales manager for product availability or replacements in other regions.

ELASTOMERIC OLIGOMERS: STRESS-STRAIN PLOT



ELASTOMERIC OLIGOMERS: ELONGATION VS. HARDNESS



To discover our full portfolio of UV 3D printing materials, download our literature

sartomer.arkema.com

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