

Flexible TPU (COMPTU)

COMPTU is a polyester based thermoplastic polyurethane. This compound is designed for applications requiring the following properties:

- *Good Hydrolytic stability*
- *Extremely Tough Abrasion and Tear Resistance*
- *Excellent Low Temperature*
- *Good Oil, Fuel, and Chemical Resistance*
- *Excellent Impact Strength*
- *Good Flexibility over wide Temperature range*

Some uses include: Medical, Seals and Gaskets, Automotive Hoses, Conveyor Belts, and Marine Bumpers.

Typical Properties	Nominal Value	ASTM Test Method
Specific Gravity	1.22	D-792
Hardness (Shore A)	83-87	D-2240
Tensile Yield Strength, psi	4930	D-412
Elongation Set after break, %	35	D-412
Tensile Elongation (break) %	690	D-412
Tear Strength (Die C)	594 lbf/in	D-624