

# Thermoplastic Vulcanizate (COMPSN)

COMPSN is a soft, black TPV. Combines good physical properties and chemical resistance for use in wide range of applications. This compound is designed for applications requiring the following properties:

- *Excellent Flex Fatigue Resistance*
- *Low Odor/Fogging*
- *RoHS Compliant*
- *Excellent Ozone Resistance*
- *Good Chemical Resistance*
- *Excellent Flexibility*

Some uses include: Automotive Ducts, Seals/Gaskets, Tubing, Consumer Electronics, Wire and Cable, and Floor Care.

Typical Properties	Nominal Value	ASTM Test Method
Specific Gravity	0.96	D-792
Hardness ( Shore A)	86	ISO 868
Tensile Stress @100% psi Across Flow (23°C)	682	D-412
Tensile Stress @Break psi Across Flow (23°C)	1610	D-412
Tear Strength @Break lbf/in Across Flow (23°C, Die C)	200	D-624
Compression Set 70°C 22hr, Type 1	41%	D-395B
125°C 70hr, Type 1	47%	
Brittleness Temperature °C	-60	D-746
Elongation @Break Across Flow (23°C)	540%	D-412
Flame Class (1.0mm)	HB	UL-94