

## Technical Data Sheet

# Softflex 6001

Thermoplastic Vulcanizate

LyondellBasell Industries

Engineering Plastics

### Product Description

A soft, black, thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. This material combines good physical properties and chemical resistance for you in a wide range of applications. This grade can be processed on conventional thermoplastics equipment for injection molding, extrusion or blow molding.

### General

Features	• Chemical Resistant	• Soft
Uses	• Overmolding	
Appearance	• Black	
Processing Method	• Blow Molding	• Extrusion
		• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.910	0.908 g/cm <sup>3</sup>	ASTM D792
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	600 psi	4.14 MPa	ASTM D412
Tensile Elongation (Break)	600 %	600 %	ASTM D412
Compression Set (73°F (23°C), 22 Hr)	30 %	30 %	ASTM D395B
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A)	60 to 70	60 to 70	ASTM D2240

### Notes

These are typical property values not to be construed as specification limits.