

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 ³	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.

