

Description
 A very cost-effective material for early stage prototyping for analyzing form factors and multiple iterations of a part design. Some stepping may be apparent due to the FDM printing process used.

Uses
 Household items
 Form analysis
 End-use products

Colors

**Additional Colors available upon request

Material Properties

Hardness		Brittleness	
Surface Quality		Impact Resistance	

	Metric
Tensile Properties	
Tensile Modulus	2346.5 MPa
Tensile Stress at Yield	49.5 GPa
Tensile Stress at Break	45.6 MPa
Elongation at Yield	3.3 %
Elongation at Break	5.2 %
Flexural Strength	103 MPa
Flexural Modulus	3150 MPa
Izod Impact Strength Notched (at 23 °C)	5.1 kJ/m ²
Hardness	83 D

	Metric
Thermal Properties	
Melt Mass-Flow Rate (MFR)	6.09 g/10 min
Glass Transition	~ 60°C
Melting Temperature	45 - 160 °C

**Data was obtained from Formlabs technical data sheets at formlabs.com