

Volaprint POM

POM

Volaprint 3 de-store

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2850	MPa	ISO 527
Yield stress	64	MPa	ISO 527
Yield strain	9	%	ISO 527
Charpy notched impact strength, +23°C	6.5	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at 1.5 mm nom. thickn. Thickness tested	HB 1.5	class mm	IEC 60695-11-10 -

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ISO 1183

Characteristics

Processing

Additive Manufacturing

Delivery form

Monofilament

Special Characteristics

High impact or impact modified

Features

Thermal Stability, Copolymer

Chemical Resistance

Alkali Resistance, General Chemical Resistance, Solvent Resistance, Hydrolytically Stable, Oxidation Resistance

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe