

Product Texts

VESTOSINT 2157 natural color is a polyamide 12 fine powder for the use in liquid coating systems. It is used as an additive, for instance, in coil coating systems to improve abrasion resistance and T-bend test.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	43	MPa	ISO 527
Yield strain	6	%	ISO 527
Strain at break	100	%	ISO 527
Shore D hardness	75	-	ISO 7619-1
Ball indentation hardness	90	MPa	ISO 2039-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	184	°C	ISO 11357-1/-3
Coeff. of linear therm. expansion, parallel	109	E-6/K	ISO 11359-1/-2

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	1E12	Ohm*m	IEC 62631-3-1
Electric strength	90	kV/mm	IEC 60243-1

Other properties	Value	Unit	Test Standard
Humidity absorption	0.5	%	Sim. to ISO 62
Density	1020	kg/m ³	ISO 1183
Bulk density	280	kg/m ³	-

Characteristics

Processing

Coating

Certifications

Food contact

Delivery form

Powder, Natural Color

Regional Availability

Europe