

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. It also can be used in minicoating of small iron parts, e.g. foundation corsetry or ferrite rings.

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	350	kg/m ³	-

Characteristics

Processing

Coating

Certifications

Food contact

Delivery form

Powder, Natural Color

Regional Availability

Europe