RIABLEND A 028 00 ST natur

(PC+ABS) RIA-Polymers GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	**17**	cm³/10min	ISO 1133
Temperature	**260**	°C	-
Load	**5**	kg	-
Molding shrinkage, parallel	**0.6**	%	ISO 294-4, 2577
Molding shrinkage, normal	**0.6**	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	**2400**	MPa	ISO 527
Yield stress	**60**	MPa	ISO 527
Yield strain	**6.5**	%	ISO 527
Stress at break	**45**	MPa	ISO 527
Strain at break	**31**	%	ISO 527
Charpy impact strength, +23°C	**N**	kJ/m²	ISO 179/1eU
Charpy impact strength, -30°C	**N**	kJ/m²	ISO 179/1eU
Charpy notched impact strength, +23°C	**65**	kJ/m²	ISO 179/1eA
Charpy notched impact strength, -30°C	**55**	kJ/m²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	**114**	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	**132**	°C	ISO 75-1/-2
Vicat softening temperature, B	**135**	°C	ISO 306
Burning behav. at thickness h	**HB**	class	IEC 60695-11-10
Thickness tested	**1.0**	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	**>1E13**	Ohm*m	IEC 62631-3-1
Surface resistivity	**1E13**	Ohm	IEC 62631-3-2
Comparative tracking index	**225**	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water absorption	**0.4**	%	Sim. to ISO 62
Humidity absorption	**0.2**	%	Sim. to ISO 62
Density	**1150**	kg/m³	ISO 1183

Characteristics

Processing
Injection Molding

Delivery form
Natural Color

Special Characteristics
High impact or impact modified

Features
Amorphous

Regional Availability
Europe