KEBABLEND / WR 04/2530/2115

(PA66+PTFE)-GB30 Barlog plastics GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	**1.5**	%	ISO 294-4, 2577
Molding shrinkage, normal	**1.0**	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	**3500**	MPa	ISO 527
Stress at break	**65**	MPa	ISO 527
Strain at break	**5**	%	ISO 527
Charpy notched impact strength, +23°C	**5**	kJ/m²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	**265**	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	**105**	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	**HB**	class	IEC 60695-11-10
Thickness tested	**1.6**	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	**1E13**	Ohm*m	IEC 62631-3-1
Surface resistivity	**1E14**	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	**1400**	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	**80**	°C	-
Pre-drying - Time	**4 - 8**	h	-
Processing humidity	**≤0.1**	%	-
Feed temperature	**60 - 80**	°C	-
Zone 1	**280 - 300**	°C	-
Nozzle temperature	**280 - 300**	°C	-

Characteristics

Processing
Injection Molding

Additives
Lubricants

Special Characteristics
High impact or impact modified

Features
Tribologic Grade

Chemical Resistance
General Chemical Resistance

Applications
Automotive, Sports Equipment

Regional Availability
Europe