

Product Texts

BERGAMID AB700 UF, Copolymer PA66/PA6, unreinforced,
 flame retardant without halogene or red phosphorus
 UL-listing

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	1600 / -	MPa	ISO 527
Stress at break	50 / -	MPa	ISO 527
Strain at break	20 / -	%	ISO 527
Charpy impact strength, +23°C	N / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	3 / -	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	80 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	190 / *	°C	ISO 75-1/-2

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Relative permittivity, 1MHz	7 / -	-	IEC 62631-2-1
Dissipation factor, 1MHz	300 / -	E-4	IEC 62631-2-1
Volume resistivity	1E10 / -	Ohm*m	IEC 62631-3-1
Surface resistivity	* / 1E10	Ohm	IEC 62631-3-2
Electric strength	45 / -	kV/mm	IEC 60243-1
Comparative tracking index	600 / -	-	IEC 60112

Other properties	dry / cond	Unit	Test Standard
Density	1200 / -	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Features

Copolymer

Delivery form

Pellets

Regional Availability

Europe, Asia Pacific, Near East/Africa

Special Characteristics

Flame retardant, Halogen-free

Other text information**Injection Molding****PREPROCESSING**

Max. Water Content 0,1%

Pre-Drying: 80°C 4 Hours

PROCESSING

Melt Temperature 270-290°C

Mould Temperature 80-90°C