

Product Texts

- medium viscosity
- easy release
- impact modified
- glass fiber reinforced
- improved chemical resistance compared to standard Makrolon grades
- housing parts
- Information technology
- electrical/electronic

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	9	cm ³ /10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	6100	MPa	ISO 527
^[C] Stress at break	98	MPa	ISO 527
^[C] Strain at break	3	%	ISO 527
^[C] Puncture - maximum force, +23°C	1120	N	ISO 6603-2
^[C] Puncture energy, +23°C	8	J	ISO 6603-2

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	138	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	142	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	145	°C	ISO 306
^[C] Coeff. of linear therm. expansion, parallel	23	E-6/K	ISO 11359-1/-2
^[C] Coeff. of linear therm. expansion, normal	58	E-6/K	ISO 11359-1/-2

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1310	kg/m ³	ISO 1183

[C]: CAMPUS

Test specimen production	Value	Unit	Test Standard
ISO Data			
^[C] Injection Molding, melt temperature	320	°C	ISO 294
Injection Molding, mold temperature	110	°C	ISO 294

[C]: CAMPUS

Characteristics**Special Characteristics**

High impact or impact modified

Chemical Resistance

General Chemical Resistance

Applications

IT / Business Machine, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific, Near East/Africa