

Product Texts

ABS-PC blend with increased impact strength and heat resistance

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	14	cm ³ /10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	2200	MPa	ISO 527
^[C] Yield stress	52	MPa	ISO 527
^[C] Yield strain	4	%	ISO 527
^[C] Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	N	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	45	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	105	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	125	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	125	°C	ISO 306

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1130	kg/m ³	ISO 1183

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	3 - 6	h	-
Melt temperature	230 - 280	°C	-
Mold temperature	40 - 80	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Granules

Additives

Release agent

Special Characteristics

Platable, Heat stabilized or stable to heat

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

Other text information

Injection molding

PREPROCESSING; Pretreatment

Predrying: 3-6h / 80°C

PROCESSING ;Processing:

Melttemperature	230 - 280	°C
Mouldtemperature	40 - 80	°C