

**Product Texts**

Special impact modified ABS grade for electroplating

only available in natural

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	30	cm <sup>3</sup> /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	2100	MPa	ISO 527
<sup>[C]</sup> Yield stress	45	MPa	ISO 527
<sup>[C]</sup> Yield strain	2.5	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	15	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	88	°C	ISO 75-1/-2
<sup>[C]</sup> Temp. of deflection under load, 0.45 MPa	93	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	90	°C	ISO 306

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
<sup>[C]</sup> Density	1050	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	210 - 260	°C	-
Mold temperature	40 - 70	°C	-

**Characteristics****Processing**

Injection Molding, Profile Extrusion, Sheet Extrusion, Thermoforming

**Delivery form**

Granules

**Additives**

Release agent

**Regional Availability**

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

**Other text information****Injection molding**

PREPROCESSING; Pretreatment

Predrying: 2-4h / 80°C

**PROCESSING ;Processing:**

Melttemperature	210 - 260	°C
Mouldtemperature	40 - 70	°C