

**Product Texts**

Increased heat resistant ABS, also available as low emission type

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	7	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	1800	MPa	ISO 527
<sup>[C]</sup> Yield stress	53	MPa	ISO 527
<sup>[C]</sup> Yield strain	2.8	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	50	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	6	kJ/m <sup>2</sup>	ISO 179/1eA
<sup>[C]</sup> Charpy notched impact strength, -30°C	2	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	105	°C	ISO 75-1/-2
<sup>[C]</sup> Temp. of deflection under load, 0.45 MPa	110	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	108	°C	ISO 306
<sup>[C]</sup> Burning Behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Yellow Card available	yes	-	-
<sup>[C]</sup> Burning Behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
Yellow Card available	yes	-	-
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-

[C]: CAMPUS

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Volume resistivity	1E11	Ohm*m	IEC 62631-3-1
<sup>[C]</sup> Surface resistivity	>1E15	Ohm	IEC 62631-3-2
<sup>[C]</sup> Comparative tracking index	600	-	IEC 60112

[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	3 - 4	h	-
Melt temperature	220 - 260	°C	-
Mold temperature	40 - 80	°C	-

**Characteristics****Processing**

Injection Molding, Profile Extrusion, Sheet Extrusion, Thermoforming

**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: 3-4h / 80°C

**PROCESSING ;Processing:**

Melttemperature	220 - 260	°C
Mouldtemperature	40 - 80	°C