

Product Texts

Transparent ABS for extrusion and thick-walled injection moulding articles

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	2	cm ³ /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	2000	MPa	ISO 527
^[C] Yield stress	48	MPa	ISO 527
^[C] Yield strain	4	%	ISO 527
^[C] Charpy notched impact strength, +23°C	7	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	78	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	92	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	94	°C	ISO 306
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	3.2	mm	-

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1100	kg/m ³	ISO 1183

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	70	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	200 - 240	°C	-
Mold temperature	40 - 80	°C	-

Characteristics**Processing**

Injection Molding, Profile Extrusion, Sheet Extrusion, Other Extrusion, Thermoforming

Delivery form

Granules

Additives

Release agent

Special Characteristics

Platable, High impact or impact modified, Transparent

Regional Availability

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

Other text information**Injection molding**

PREPROCESSING; Pretreatment

Predrying: 2-4h / 70°C

PROCESSING ;Processing:

Melttemperature	200 - 240	°C
Mouldtemperature	40 - 80	°C