

ALTECH PP-B ECO 1000/906

(Last update: 26.04.2024)

MOCOM

Base Polymer	Polypropylene
Special Features	processing stabilised,easy release (demoulding),contains recycled material
Market Segment	Automotive,electrical and electronic,Machinery,building and construction
Application Area	injection moulded parts
Typical Applications	housings,garden equipment,bezels

Pre-Drying Conditions	in a dry air (dessiccant) dryer 80-120 °C for 2-3 h in an air circulating dryer 80-120 °C for 2-4 h
Processing Injection Moulding	melt temperature 200-250 °C mould temperature 20-70 °C
Storage	dry, protected from light

Properties	Value	Dimension	Test Norm
Mechanical Properties			
Flexural Modulus	1300	MPa	ISO 178
Flexural Stress (3.5% Strain)	30	MPa	ISO 178
Tensile Modulus	1300	MPa	ISO 527
Tensile Stress at Yield	27	MPa	ISO 527
Tensile Elongation at Yield	7.9	%	ISO 527
Tensile Elongation at Break	40	%	ISO 527
Impact Strength (Charpy, 23°C)	55	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy, 23°C)	7.5	kJ/m ²	ISO 179/1eA
Thermal Properties			
Vicat B50	71	°C	ISO 306
Rheological Properties			
Melt Index (MVR)	20	cm ³ /10min	ISO 1133
MVR temperature	230	°C	-
MVR load	2.16	kg	-
Shrinkage (lengthwise, 24h)	1.6 - 2	%	ISO 294-4
Shrinkage (lateral, 24h)	1.5 - 1.9	%	ISO 294-4
Physical Properties			
Density	920	kg/m ³	ISO 1183

Liability Exclusion

These are guide values and not a specification. The test values mentioned are representative values only and not binding minimum or maximum figures. These test values have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions.



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