

Technical Data Sheet



AT PP-H ECO 2030/W100.05 LE

Base Polymer	Polypropylene Homopolymer
Filler/Additive System	30 % glass fibres
Colour	black
Special Features	processing stabilised, contains recycled material, low emission
Market Segment	Automotive
Typical Applications	interior decoration / finishing, injection moulded parts, bezels, housings

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 dependant on moisture content max. moisture content <0,10 %
-----------------------	--

Processing Injection Moulding	melt temperature 200-240 °C mould temperature 20-70 °C
-------------------------------	---

Storage	dry, protected from light
---------	---------------------------

Properties	Value	Dimension	Test Norm
Mechanical Properties			
Flexural Modulus	5500	MPa	ISO 178
Flexural Strength	122	MPa	ISO 178
Tensile Modulus	6200	MPa	ISO 527
Tensile Strength at Break	75	MPa	ISO 527
Tensile Elongation at Break	3	%	ISO 527
Impact Strength (Charpy, 23°C)	40	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy, 23°C)	8	kJ/m ²	ISO 179/1eA
Thermal Properties			
DSC (Melt Point)	161	°C	ISO 11357
Rheological Properties			
Melt Index (MVR)	25	cm ³ /10min	ISO 1133
MVR temperature	230	°C	-
MVR load	2.16	kg	-
Physical Properties			
Density	1140	kg/m ³	ISO 1183
Ecological Properties			
Global Warming Potential (GWP)	1.31	kg CO ₂ eq./kg	ISO 14040, 14044