

Technical Data Sheet



AT PP-H ECO 2040/W100.05

MOCOM

Base Polymer	Polypropylene Homopolymer
Filler/Additive System	40 % glass fibres
Colour	black
Special Features	processing stabilised, contains recycled material
Market Segment	Automotive
Typical Applications	injection moulded parts, housings, functional components, fixing elements

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 200-250 °C mould temperature 20-70 °C
-------------------------------	---

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

Properties	Value	Dimension	Test Norm
Mechanical Properties			
Tensile Modulus	7000	MPa	ISO 527
Tensile Strength at Break	80	MPa	ISO 527
Tensile Elongation at Break	3	%	ISO 527
Impact Strength (Charpy, 23°C)	43	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy, 23°C)	10	kJ/m ²	ISO 179/1eA
Rheological Properties			
Melt Index (MVR)	6	cm ³ /10min	ISO 1133
MVR temperature	230	°C	-
MVR load	2.16	kg	-
Physical Properties			
Density	1260	kg/m ³	ISO 1183
Ecological Properties			
Global Warming Potential (GWP)	1.11	kg CO ₂ eq./kg	ISO 14040, 14044