

Data Sheet

Article: **MM-PP HF 24**
 Description: PP 40% glass-fibre reinforced
 Processing: Extrusion
 Colour: 90005 nature
 Article number: 210498339

Date: 01.08.2017

General Properties	Norm	Unit	Value
MFR 230°C/2, 16 kg	ISO 1133	g/10min	2.2 ± 2.0
Density	ISO 1183	g/cm ³	1.21 ± 0.02
Mechanical Properties			
Tensile strength	ISO 527-2	N/mm ²	≥ 90
Elongation at break	ISO 527-2	%	≥ 2
Elastic modulus	ISO 178	N/mm ²	≥ 6500
Impact strength	ISO 179	kJ/m ²	≥ 35
Notched impact strength	ISO 179	kJ/m ²	≥ 9
Other Properties			
Glowing residue (850 °C)	ISO 3451-1	%	40 ± 1.5
HDT (0.45 MPa)	ISO 75	°C	157
HDT (1.80 MPa)	ISO 75	°C	141
Vicat A50	ISO 306	°C	164
Vicat B50	ISO 306	°C	134

Processing Parameters			
Drying		°C / h	80 / 2
Cylinder Temperature		°C	180-240
Processing Temperature		°C	200-230
Mold Temperature		°C	30-60

These indications are approximate values, depending on the processing machine. Adjustments while the processing can be necessary.

Remarks