

AgriPlast NFPP 4060

- AgriPlast NFPP 4060 is made up of 40% cellulose fibres obtained from meadow grass and 60% recycled polypropylene (PIR).
- AgriPlast can be processed by all injection moulding machines into a wide variety of technical mouldings and by extrusion lines into profiles.
- AgriPlast granules can be dyed with any colour pigments.
- AgriPlast is lighter than comparable fibre-reinforced composite plastics.
- AgriPlast products can be recycled several times.
- Processing Instructions: sufficiently dry at 70-80 °C, heating zones of 200 °C decreasing to 170 °C, possible short-term peak melting temperature of 210 °C, moulding temperature of 40-50 °C, avoid frictional and shearing heat, make sure the tool is well ventilated.
- We will be pleased to send you our detailed processing instructions on request.

Property	Test Method	Unit	Value
Tensile Modulus	DIN EN ISO 527	MPa	2500-3000
Yield Stress	DIN EN ISO 527	MPa	29-32
Yield Strain	DIN EN ISO 527	%	2.4-3.2
Charpy Impact Strength Unnotched	DIN EN ISO 179	kJ/m ²	11-12
Charpy Impact Strength Notched	DIN EN ISO 179	kJ/m ²	>2.5
Vicat Softening Temperature B/50	DIN EN ISO 306	°C	159
Density	DIN EN ISO 1183	g/cm ³	approx. 1
MFR (190°/5 kg)	ISO 1133 B	g/10 min	4.5-5
Recycling PP: MFR (230°/2,16 kg)	ISO 1133 B	g/10 min	approx. 15
Shrinkage	own	%	0.8-1.2

The above information reflects the results of the tests carried out. They do not imply the assurance of certain properties for a specific intended use. The manufacturer is not released from the obligation to carry out incoming inspections and tests for the specific intended use.