

## AgriPlast NFPP 3070

- AgriPlast NFPP 3070 is made up of 30% cellulose fibres obtained from meadow grass and 70% 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	1800-2100
Yield Stress	DIN EN ISO 527	MPa	25-27
Yield Strain	DIN EN ISO 527	%	4-6
Charpy Impact Strength Unnotched	DIN EN ISO 179	kJ/m <sup>2</sup>	12-16
Charpy Impact Strength Notched	DIN EN ISO 179	kJ/m <sup>2</sup>	>3.3
Vicat Softening Point B/50	DIN EN ISO 306	°C	155
Density	DIN EN ISO 1183	g/cm <sup>3</sup>	approx. 0.98
MFR (190°/5 kg)	ISO 1133 B	g/10 min	6-6.5
Recycling PP: MFR (230°/2,16 kg)	ISO 1133 B	g/10 min	approx. 15
Shrinkage	own	%	1.0-1.5

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.