

AGENACOMP® F51

Technical DataSheet | Supplied by AGRANA

AGENACOMP® F51 by AGRANA is a natural biopolymer which is non-genetically modified specialized thermoplastic starch. It is suitable for bioplastic formulations.

It is a biodegradable, home-compostable and contains up to more than 50 % renewable materials. It allows to extrude films of less than 15 µm by standard film extrusion equipment.

It is applicable for carry bags, fruit and vegetable bags, mulch films, waste bags and non-woven fibers.

AGENACOMP® F51 complies with OK compost.

Product Type	Unspecified Thermoplastic > Unspecified Thermoplastic, Bio-based
Product Status	COMMERCIAL
Applications/ Recommended for	Agriculture > Mulch films Fibers/ Textiles/ Carpets > Non wovens Packaging Extrusion
Biodegradable	Yes
Bio Based	Yes
Bio Based Content (%)	>50
Labels/Agency Rating	OK Compost
Key Features	Biodegradable Renewable Resource Content

AGENACOMP® F51 Properties

Physical	Value & Unit	Test Condition	Test Method
Density	1.3 g/cm ³		
Particle Size	4 mm		
Melt Volume Flow Rate (MVR)	2 cm ³ /10 min	At 190 °C, 2.16 kg	



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