

# M·VERA® BR5009 (B0177)

## Preliminary Technical Description

### Product Description

M·VERA® BR5009 (B0177): Biodegradable polyester compound for extrusion

Applications: As blend material

Suitable for: Extrusion

### Properties\*

	Standard	Unit	BR5009 (B0177)
MVR 190 °C/2.16 kg	ISO 1133	cm <sup>3</sup> /10 min	>5
Density	ISO 1183	g/cm <sup>3</sup>	1.25
Biobased carbon content	ISO 16620	%	~40
Moisture**	-	ppm	<1,000
Tensile modulus (MD)	ISO 527-3	MPa	>50
Tensile modulus (TD)	ISO 527-3	MPa	>50
Elongation at break (MD)	ISO 527-3	%	>100
Elongation at break (TD)	ISO 527-3	%	>100

\*\* before packaging

(MD) = Machine direction; (TD) = Transversal direction

**\*Remark:** Please note, that the given numbers above are not to be construed as specification. Additionally mechanical properties of final film are determined by the processing and M·VERA® BR5009 (B0177) is not intended to be used on its own. Please be also aware that processing temperatures above 170 °C have to be avoided.

The aforementioned information is only valid for M·VERA® BR5009 (B0177) in their original packaging, sold by BIO-FED® and/or its authorized partners. The converter is responsible for the usage of M·VERA® BR5009 (B0177) in the right amount. However, BIO-FED® declines any responsibility for the product. M·VERA® BR5009 (B0177) shall be stored in dry, closed rooms in closed packaging in original state and to be protected against direct sun light not longer than 3 months. For keeping product properties, the recommended maximum temperature of 30°C and the maximum humidity of 50 % shall not be exceeded. Products made with M·VERA® BR5009 (B0177) grades have to be stored under same conditions. All M·VERA® products can be colored with AF-Eco® biomaster-batches from AF-COLOR, also certified according to EN 13432. Please note that the use of AF-Eco® might influence the mechanical and/or optical properties of the final part.

The information contained herein is based on our current knowledge and experience. A legally binding promise of certain characteristics or suitability for a concrete individual case cannot be derived from this information. The information supplied here is not intended to release processors and users from the responsibility of carrying out their own tests and inspections in each concrete individual case. BIO-FED®, M·VERA® and AF-Eco® are registered brands of AKRO-PLASTIC GmbH.



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