

BactiBlock® NBM Comparison and Product Description

BactiBlock	Ag Content Active Substance	Polymer Compatibility	Colour	Thermal Stability 2C
BactiBlock® 101 S1.19	3%	Mainly apolar polymers	Light grey	400
BactiBlock® 101 R1.43	0,5%	Polar and apolar polymers	Off white	220
BactiBlock® 101 R1.47	0,5%	Polar and apolar polymers	Off white	210
BactiBlock® 101 R4.47	2%	Mainly polar polymers	Off white	210

Range	Comment
BactiBlock® 101 S1.19	For use in apolar polymer systems at high temperature. Color impact may be expected. Great antimicrobial activity.
BactiBlock® 101 R1.43	Improved Ag stabilisation and additive distribution in the polymer matrix.
BactiBlock® 101 R1.47	For use in polar and apolar polymer systems in order to achieve a perfect additive distribution. Mind processing temperatures above 210C
BactiBlock® 101 R4.47	For use in polar polymers systems, coatings, paints, plastic and latex products. Great Antimicrobial Activity and not impact in color.

Grade	D10 (µm)	D50 (µm)	D90 (µm)
BactiBlock® 101 S1.19	2,5	6	12
BactiBlock® 101 R1.43	3	7	18
BactiBlock® 101 R1.47	3,5	10	25
BactiBlock® 101 R4.47	3	5,2	16

Particle size values for BactiBlock® grades
All grades are available in GEL forms, and Masterbatch concentratres

