

## Lucobit Lucocell® PE3700 Cellulose Asphalt Additive

Category : Polymer , Thermoplastic , Cellulosic , Polyolefin

### Material Notes:

Lucocell® PE3700 granules are cellulose additives for SMA (Stone Mastic Asphalt or Split Mastic Asphalt, which is used as finish for all road types. Due to their 3D structure, cellulose fibers maintain a comparatively high viscosity of bitumen, thus preventing its seepage and formation of asphalt mix segregation at high temperatures during storage, transport and SMA placing. At the same time they enable creation of a thicker bitumen layer around each rock particle, thus preventing oxidation, moisture penetration and lifting or cracking of the aggregate. Due to the pre-dispersion of cellulose fibers in the ethylene copolymer matrix of Lucocell® PE3700 the fibers release easily and safely for increased efficiency and improved production quality. Information provided by Lucobit AG

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lucobit-Lucocell-PE3700-Cellulose-Asphalt-Additive.php](http://www.lookpolymers.com/polymer_Lucobit-Lucocell-PE3700-Cellulose-Asphalt-Additive.php)

Physical Properties	Metric	English	Comments
Apparent Bulk Density	0.370 g/cc	0.0134 lb/in <sup>3</sup>	

Descriptive Properties	Value	Comments
Average Fiber Diameter, µm	45	
Average Fiber Length, µm	1100	
Ethylene Copolymer	0.37	

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