

## Technical Data Sheet

### Polyshar® AntiBacterial

Low Density Polyethylene

#### Description

Masterbatch, white Granules

#### Application

To induce anti-bacterial properties in polyolefin final products

#### General

Processing methods	Injection Molding Extrusion, Film Blowing
Uses	Masterbatch, 1 % w.t.
Processing Temperature	180 °C

#### Physical and Thermal

Specific gravity	ASTM D792	900-910	kg/m <sup>3</sup>
Additive content	-	20	%
MFI	ASTM 1238	2	g/10min
T <sub>m</sub>	ISO 3146	135	°C
Anti bacterial evaluation	ISIRI10900	2.5	R-value

#### Regulatory

Polyshar® AntiBacterial is made from FDA recognized materials. Usage restriction may apply. Detailed information is available upon request.

#### Packaging and storage

Polyshar® AntiBacterial is packaged in 20 kg lined aluminum foil or in moisture barrier bags.

Polyshar® AntiBacterial should be stored in dry and, preferably, dark conditions.

The data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. No liability, warranty or guarantee of product performance is created by this document. The company quality compounds are totally or partially produced with non-prime quality ingredients. Even though the selection of the raw materials, the production and the quality control is being done following to the common best practices, it is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application.

**Baspar Pishrafteh Sharif Co.**

**Tel.:** +98-21-54406055

**Fax:** +98-21-54406056

**email:** info@polysharif.com

**www.polysharif.com**

**Address:** Unit 6, No. 29, Sadeghi st., Azadi Avenue, Tehran, Iran