

ASPUN™ 6850 Fiber Grade Resin

Overview

Aspun™ 6850 Fiber Grade Resin is a linear low density polyethylene (LLDPE). Typical processes include spun-bond nonwoven and staple fiber production.

Characteristics:

Designed for processing into nonwoven fabrics and bonding fibers.

Soft fabric with excellent drape.

Low melting point for bonding.

It complies with:

- U.S. FDA 21 CFR 177.1520 (c) 3.2a
- EU, No 10/2011

Consult the regulations for complete details.

Notes:

The composition of this product complies with the requirements for use in contact with food of the EU, No 10/2011.

Contact a Dow Sales Office to obtain a detailed food contact compliance letter for this product. Such a letter covers the food contact status of this product in the various European Countries and in addition gives information about the imposed migration requirements.

Additive

• Antiblock: No

• Slip: No

• Processing Aid: No

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.955 g/cm ³	0.955 g/cm ³	ASTM D792
Base Density ¹	0.955 g/cm ³	0.955 g/cm ³	Dow Method
Melt Index (190°C/2.16 kg)	30 g/10 min	30 g/10 min	ASTM D1238
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Melting Temperature (DSC)	268 °F	131 °C	Dow Method

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

¹ Base density is estimated using the assumption that every 1000 ppm of antiblock in the finished product raises the density of the polymer by 0.0006 g/cm³. Base density is the estimated density of the polymer if it did not contain any antiblock.

