



ASPUN™ 6840A Fiber Grade Resin

Overview

ASPUN® 6840A Fiber Grade Resin is a linear low density polyethylene (LLDPE). A typical process is spunbond non-woven or staple fiber production

- Is designed for processing into nonwoven fabrics and nonwoven fibers
- Soft fabric with excellent drape
- Low melting point for bonding

Complies with:

- US. FDA 21 CFR 177.1520(c)3.1A

Consult the regulation for complete details.

Additive

- Antiblock: No
- Slip: No
- Processing Aid: No

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.941 g/cm ³	0.941 g/cm ³	ASTM D792
Base Density ¹	0.941 g/cm ³	0.941 g/cm ³	Dow Method
Melt Index (190°C/2.16 kg)	35 g/10 min	35 g/10 min	ASTM D1238
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Melting Temperature (DSC)	257 °F	125 °C	Dow Method

Additional Information

Suggested Optimum Process: Spunbond or Staple Fiber

Typical Application: Spunbond Non-wovens and Bonding Fibers

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.

