

DOW™ LDPE 91003 HEALTH+™

Low Density Polyethylene Resin

Overview

DOW™ LDPE 91003 HEALTH+™ is a Low Density Polyethylene barefoot resin designed for blow-fill seal, extrusion blow molding, and injection blow molding applications with good flexibility and good chemical resistance.

Main Characteristics:

- Good flexibility
- Good chemical resistance
- Good stiffness

Complies with:

- U.S. FDA 21 CFR 177.1520(c)2.2
- USP Class VI
- Drug Master File Listing
- USP <661.1>
- European Pharmacopeia 3.1.3 and 3.1.4

Consult the regulations for complete details.

Additive	Antiblock: No	Slip: No		Processing Aid: No		
Physical		Nominal Value	(English)	Nominal Value	(SI)	Test Method
Density		0.927	g/cm³	0.927	g/cm³	ASTM D792
Melt Index (190°C/2.16 kg)		0.30	g/10 min	0.30	g/10 min	ASTM D1238
Thermal		Nominal Value	(English)	Nominal Value	(SI)	Test Method
Vicat Softening Temperature		216	°F	102	°C	ASTM D1525
Melting Temperature		237	°F	114	°C	ASTM D3895

Notes

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

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