



Technical Data Sheet

DOW™ LDPE 93004 HEALTH+™ Low Density Polyethylene Resin

Description

DOW™ LDPE 93004 HEALTH+™ Low Density Polyethylene Resin 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

Properties¹

| Physical | Nominal Value | Unit | Test Method ² |
|---|---------------|-------------------|--------------------------|
| Density | 0.930 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 0.40 | g/10 min | ASTM D1238 |
| Extrusion | | | |
| Melt Temperature | 190 to 200 | °C | |

1. Typical properties: these are not to be construed as specifications. Users should confirm results by their own tests.
2. ASTM: American Society for Testing and Materials

Product Stewardship

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- a. long-term or permanent contact with internal bodily fluids or tissues. "Long-term" is contact which exceeds 29 calendar days;
- b. use in cardiac prosthetic devices regardless of the length of time involved ("cardiac prosthetic devices" include, but are not limited to, pacemaker leads and devices, artificial hearts, heart valves, intra-aortic balloons and control systems, and ventricular bypass-assisted devices);
- c. use as a critical component in medical devices that support or sustain human life; or
- d. use specifically by pregnant women or in applications designed specifically to promote or interfere with human reproduction.
- e. use as an ingredient of a pharmaceutical injectable application.

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Harmful Applications Policy

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Contact:

www.dow.com/contact

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