

# Yanshan PE LD100

Low Density Polyethylene  
SINOPEC Beijing Yanshan Petrochemical

Message:

Yanshan PE LD100 is a Low Density Polyethylene product. It can be processed by blow molding, cast film, film extrusion, or injection molding and is available in Asia Pacific. Applications of Yanshan PE LD100 include film, additive/masterbatch, bags/liners, coating applications and hose/tubing.

| General Information |                   |
|---------------------|-------------------|
| Uses                | Bags              |
|                     | Blending          |
|                     | Cable Jacketing   |
|                     | Cast Film         |
|                     | Film              |
|                     | Laminates         |
|                     | Packaging         |
|                     | Piping            |
|                     | Tubing            |
| Processing Method   | Blow Molding      |
|                     | Cast Film         |
|                     | Film Extrusion    |
|                     | Injection Molding |

| Physical                   | Nominal Value | Unit              | Test Method |
|----------------------------|---------------|-------------------|-------------|
| Density                    | 0.923         | g/cm <sup>3</sup> | ASTM D1505  |
| Melt Mass-Flow Rate (MFR)  | 2.0           | g/10 min          | ASTM D1238  |
| Mechanical                 | Nominal Value | Unit              | Test Method |
| Tensile Strength (Yield)   | 9.00          | MPa               | ASTM D638   |
| Tensile Elongation (Break) | 500           | %                 | ASTM D638   |

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