

# Yanshan PE 1150A

Low Density Polyethylene  
SINOPEC Beijing Yanshan Petrochemical

Message:  
International grade: PE-M-18D500


| General Information         |                   |                   |             |
|-----------------------------|-------------------|-------------------|-------------|
| Uses                        | Fibers            |                   |             |
| Processing Method           | Injection Molding |                   |             |
| Physical                    | Nominal Value     | Unit              | Test Method |
| Density                     | 0.916             | g/cm <sup>3</sup> | ASTM D1505  |
| Melt Mass-Flow Rate (MFR)   | 50                | g/10 min          | ASTM D1238  |
| Mechanical                  | Nominal Value     | Unit              | Test Method |
| Tensile Strength (Yield)    | 7.50              | MPa               | ASTM D638   |
| Tensile Elongation (Break)  | 370               | %                 | ASTM D638   |
| Thermal                     | Nominal Value     | Unit              | Test Method |
| Vicat Softening Temperature | 73.0              | °C                | ASTM D1525  |

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