# ROPOTEN® OB-2-102

### Low Density Polyethylene

LUKOIL Bulgaria Ltd.

#### Message:

For production of details in the machinery and household technique, household articles, toys, souvenirs, etc.

| General Information                   |                              |          |             |
|---------------------------------------|------------------------------|----------|-------------|
| Uses                                  | Hospital Goods               |          |             |
|                                       | Machinery Maintenance/Repair |          |             |
|                                       | Toys                         |          |             |
|                                       |                              |          |             |
| Appearance                            | Natural Color                |          |             |
| Forms                                 | Pellets                      |          |             |
| Physical                              | Nominal Value                | Unit     | Test Method |
| Density                               | > 0.915                      | g/cm³    | ISO 1183    |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 |                              |          |             |
| kg)                                   | 1.7 to 2.2                   | g/10 min | ASTM D1238  |
| Mechanical                            | Nominal Value                | Unit     | Test Method |
| Tensile Strength                      | > 12.0                       | MPa      | ASTM D638   |
| Tensile Elongation (Break)            | > 550                        | %        | ASTM D638   |
| Thermal                               | Nominal Value                | Unit     | Test Method |
| Vicat Softening Temperature           | > 84.0                       | °C       | ASTM D1525  |

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