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BANDAREMAM PETROCHEMICAL COMPANY

## LOW DENSITY POLYETHYLENE LF0200

LF0200 is a high molecular weight low density polyethylene film grade combining good flexible extrusion behavior and superior mechanical properties. Film made from LF0200 exhibits high dart impact combined with excellent yield and tensile strength and high stiffness.

| Producer   | Characteristic Properties   | Applications  |
|------------|---|---|
| BANDAREMAM | high dart impact strength, yield strength, and tensile strength, combined with high stiffness | general purpose bags, packaging of mechanical parts, carrier bags, coextruded milk bags |

### Typical Properties

| Resin Properties        | Unit      | Typical | Test Method |
|-------------------------|-----------|---------|-------------|
| MFI (190°C/2.16 kg)     | gr/10min. | 2       | ASTM D 1238 |
| Density                 | gr/ml     | 0.920   | ASTM 209 B  |
| Softening point         | °C        | 94      | ASTM D 1525 |
| Haze                    | %         | 15 max  | ASTM D 1003 |
| Gloss @ 60              | Gu        | 60 min  | ASTM D 523  |
| Elongation @ break (MD) | %         | 330 min | ASTM D 882  |
| Elongation @ break (TD) | %         | 600 min | ASTM D 882  |
| Tensile @ break (MD)    | kg/cm     | 160 min | ASTM D 882  |
| Dart impact             | Gr        | 100 min | ASTM D 1709 |