

Promyde® BF940LN

PA*

Nurel S.A.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-----------|--|---------------------|
| ISO Data | | | |
| Melt volume-flow rate, MVR | 18 | cm ³ /10min | ISO 1133 |
| Temperature | 275 | °C | - |
| Load | 5 | kg | - |
| Thermal properties | | | |
| ISO Data | | | |
| Melting temperature, 10°C/min | 200 | °C | ISO 11357-1/-3 |
| Optical properties | | | |
| ASTM Data | | | |
| Haze | 0.5 | % | ASTM D 1003 |
| Other properties | | | |
| Value | | | |
| Density | 1110 | kg/m ³ | ISO 1183 |
| Moisture Content | 0.1 | % | - |
| Film Properties | | | |
| ISO Data | | | |
| Stress at break, parallel | 65 | MPa | ISO 527-3 |
| Maximum strain, parallel | 400 | % | ISO 527-3 |
| Trouser Tear resistance, parallel | 30 | N/mm | ISO 6383-1 |
| Dynamic coefficient of friction | 0.25 | - | ISO 8295 |
| WVTR, 23°C/85%r.h. | 20 | g/(m ² *d) | ISO 15106-1/-2 |
| Oxygen transmission rate, 23°C/0%r.h. | 25 | cm ³ /(m ² *d*bar) | ISO 15105-1/-2 |
| Oxygen transmission rate, 23°C/85%r.h. | 25 | cm ³ /(m ² *d*bar) | ISO 15105-1/-2 |
| Material specific properties | | | |
| ISO Data | | | |
| Viscosity number | 263 | cm ³ /g | ISO 307, 1157, 1628 |
| Processing Recommendation Extrusion | | | |
| Value | | | |
| Pre-drying - Temperature | 75 - 80 | °C | - |
| Feed temperature | 40 - 50 | °C | - |
| Zone 1 | 210 - 250 | °C | - |
| Nozzle temperature | 240 - 250 | °C | - |

Characteristics**Processing**

Blown Film Extrusion, Film Extrusion, Thermoforming

Certifications

Food contact

Additives

Lubricants, Antiblocking agent

Applications

Packaging

Special Characteristics

Transparent

Regional Availability

Europe

Features

Barrier Properties, Nucleated