

Pro-fax SL840

Polypropylene Copolymer

INDELPRO, S.A. de C.V.

Message:

Pro-fax SL840 is a high melt flow Polypropylene Copolymer with a narrow molecular weight distribution designed for spundbond lines for Medical and Hygiene nonwoven applications that require superior softness.
The base resin in this product meets the requirements of the FDA contained in the Code of Federal Regulations in 21 CFR 177.1520.

| General Information | |
|---------------------|---|
| Features | Controlled Rheology Copolymer Food Contact Acceptable Good Processing Stability High Flow Narrow Molecular Weight Distribution Soft |
| Uses | Fabrics Medical/Healthcare Applications Sanitary Products Spun Bonding |
| Agency Ratings | FDA 21 CFR 177.1520 |
| Forms | Pellets |
| Processing Method | Injection Molding Spunbond Nonwovens |

| Physical | Nominal Value | Unit | Test Method |
|--|---------------|-------------------|-------------|
| Specific Gravity | 0.900 | g/cm ³ | ASTM D792A |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 34 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 22.0 | MPa | ASTM D638 |
| Tensile Elongation (Yield) | 14 | % | ASTM D638 |
| Flexural Modulus | 675 | MPa | ASTM D790B |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 48 | J/m | ASTM D256A |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 77.8 | °C | ASTM D648 |

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