# Propilven F-605

### Polypropylene Homopolymer

Propilven, S.A.

#### Message:

Propilven F-605 grade is polypropylene homopolymer specially designed for the extrusion of cast film for flexible packaging.

Features:

Low friction coefficient

Low blocking levels

| General Information                     |                         |          |             |
|---|-------------------------|----------|-------------|
| Additive                                | Antiblock               |          |             |
| Features                                | Food Contact Acceptable |          |             |
|   | Homopolymer             |          |             |
|   | Low Antiblocking        |          |             |
|   | Low Friction            |          |             |
|   |                         |          |             |
| Uses                                    | Cast Film               |          |             |
|   | Film                    |          |             |
|   |                         |          |             |
| Forms                                   | Pellets                 |          |             |
| Processing Method                       | Cast Film               |          |             |
|   | Extrusion               |          |             |
|   |                         |          |             |
| Physical                                | Nominal Value           | Unit     | Test Method |
| Melt Mass-Flow Rate (MFR)               | 8.0                     | g/10 min | ASTM D1238  |
| Mechanical                              | Nominal Value           | Unit     | Test Method |
| Tensile Strength (Break)                | 25.0                    | MPa      | ASTM D638   |
| Flexural Modulus                        | 1500                    | MPa      | ASTM D790   |
| Impact                                  | Nominal Value           | Unit     | Test Method |
| Notched Izod Impact (23°C)              | 30                      | J/m      | ASTM D256   |
| Thermal                                 | Nominal Value           | Unit     | Test Method |
| Deflection Temperature Under Load (0.45 |                         |          |             |
| MPa, Unannealed)                        | 105                     | °C       | ASTM D648   |

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