

# SLOVALEN® PC 11 N

Polypropylene Copolymer  
Plastcom

Message:

Polypropylene copolymer designed for extrusion. General purpose applications for products manufactured by extrusion. Tubes and profiles. Supplied in natural finish and in the full RAL colour scale.

| General Information                                |                  |                   |             |
|----------------------------------------------------|------------------|-------------------|-------------|
| Additive                                           | Heat Stabilizer  |                   |             |
| Features                                           | Copolymer        |                   |             |
|                                                    | General Purpose  |                   |             |
|                                                    | Heat Stabilized  |                   |             |
| Uses                                               | General Purpose  |                   |             |
|                                                    | Profiles         |                   |             |
|                                                    | Tubing           |                   |             |
| Appearance                                         | Colors Available |                   |             |
|                                                    | Natural Color    |                   |             |
| Processing Method                                  | Extrusion        |                   |             |
| Resin ID (ISO 1043)                                | PP               |                   |             |
| Physical                                           | Nominal Value    | Unit              | Test Method |
| Density                                            | 0.930            | g/cm <sup>3</sup> | ISO 1183    |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)          | 0.50             | g/10 min          | ISO 1133    |
| Mechanical                                         | Nominal Value    | Unit              | Test Method |
| Tensile Stress (Yield)                             | 28.0             | MPa               | ISO 527-2   |
| Tensile Strain (Yield)                             | 200              | %                 | ISO 527-2   |
| Flexural Modulus                                   | 1300             | MPa               | ISO 178     |
| Impact                                             | Nominal Value    | Unit              | Test Method |
| Charpy Notched Impact Strength                     |                  |                   | ISO 179     |
| -20°C                                              | 10               | kJ/m <sup>2</sup> |             |
| 23°C                                               | 85               | kJ/m <sup>2</sup> |             |
| Charpy Unnotched Impact Strength                   |                  |                   | ISO 179     |
| -20°C                                              | No Break         |                   |             |
| 23°C                                               | No Break         |                   |             |
| Thermal                                            | Nominal Value    | Unit              | Test Method |
| Heat Deflection Temperature (0.45 MPa, Unannealed) | 54.0             | °C                | ISO 75-2/B  |
| Vicat Softening Temperature                        | 150              | °C                | ISO 306/B   |

|                           |               |      |          |
|---------------------------|---------------|------|----------|
| Melting Temperature (DSC) | 145           | °C   | ISO 3146 |
| Injection                 | Nominal Value | Unit |          |
| Processing (Melt) Temp    | 200 to 220    | °C   |          |
| Mold Temperature          | 220 to 240    | °C   |          |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519  
Phone: +86 13424755533  
Email: sales@su-jiao.com  
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

