

SKYGREEN® SF200

SKY GREEN

Product description

SKYGREEN® SF200 is a Copolyester grade ideal for shrink film and labels on various packaging applications. SF200 offers excellent transparency, glossy appearance, and outstanding printability. It also has a high shrinkage rate and low shrink force. The low shrink force prevents the deformation of thin packagings.

Applications

- Shrink film and label
- Packaging

Key Attributes

- Transparency
- High TD shrink rate
- Low MD shrink rate
- Low shrink force

Notes

The data listed here is preliminary data sheet of product. Therefore this sheet should not be used to establish specification limits or used alone as a basis for design. This information is not intended as a warranty of any kind. Customers must make their own representative test and assume all risks of use, whether used alone or in combination with other products. SK Chemicals assumes no obligation or liability of any advice furnished by it or results obtained with respect to these products. All warranties of merchantability for a particular purpose or use are excluded and disclaimed.

Typical properties for

SKYGREEN® SF200

ISO
Method

Product Information

| Property | Test Method | Unit | Result |
|--|-------------|---------|-----------|
| Specific Gravity | ASTM D792 | - | 1.28 |
| Mold Shrinkage | ASTM D955 | % | 0.3 ~ 0.6 |
| Rockwell Hardness | ASTM D785 | R-scale | - |
| Tensile Strength @ Yield | ISO 527 | MPa | 53 |
| Tensile Strength @ Break | ISO 527 | MPa | 27 |
| Elongation @ Yield | ISO 527 | % | 4.2 |
| Elongation @ Break | ISO 527 | % | 250 |
| Flexural Strength | ISO 178 | MPa | 71 |
| Flexural Modulus | ISO 178 | MPa | 2,100 |
| Izod Impact Strength Notched @ 23 °C | ISO 180 | KJ/m2 | 15.7 |
| Heat Distortion Temperature @ 0.455 MPa / @ 1.820 MPa | ISO 75 | °C | 69 / 60 |
| Haze | ASTM D1003 | % | < 1.0 |
| Transmittance | ASTM D1003 | % | 90 |

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The information in this data sheet is, to the best of our knowledge, true and accurate. The representations about the product are based upon test results achieved under laboratory practices supervised and controlled by SK chemicals corporation.