

Technical Data Sheet

SKYGREEN® P-SF



SKY GREEN

• Product description

SKYGREEN® P-SF is a Copolyester grade ideal for shrink film and labels on various packaging applications. P-SF 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

• 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.

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Typical properties for

SKYGREEN® P-SF

ISO
Method

Product Information

Property	Test Method	Unit	Result
Specific Gravity	ASTM D792	-	1.29
Mold Shrinkage	ASTM D955	%	0.3 ~ 0.6
Rockwell Hardness	ASTM D785	R-scale	-
Tensile Strength @ Yield	ISO 527	MPa	55
Tensile Strength @ Break	ISO 527	MPa	25
Elongation @ Yield	ISO 527	%	4.3
Elongation @ Break	ISO 527	%	260
Flexural Strength	ISO 178	MPa	74
Flexural Modulus	ISO 178	MPa	2,110
Izod Impact Strength Notched @ 23 °C	ISO 180	KJ/m2	10.4
Heat Distortion Temperature @ 0.455 MPa / @ 1.820 MPa	ISO 75	°C	66 / 58
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.