

SKYGREEN® P-SF

SK Chemicals - Copolyester

General Information**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

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Features	• Excellent Printability	• High Clarity	• High Shrinkage
Uses	• Labels	• Packaging	• Shrink Wrap
Appearance	• Clear/Transparent		
Forms	• Pellets		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.29		ASTM D792
Molding Shrinkage - Flow	3.0E-3 to 6.0E-3	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	7980	psi	ISO 527-2
Tensile Stress (Break)	3630	psi	ISO 527-2
Tensile Strain (Yield)	4.3	%	ISO 527-2
Tensile Strain (Break)	260	%	ISO 527-2
Flexural Modulus	306000	psi	ISO 178
Flexural Stress	10700	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (73°F)	4.9	ft·lb/in ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	151	°F	ISO 75-2/B
Deflection Temperature Under Load (264 psi, Unannealed)	136	°F	ISO 75-2/A
Optical	Nominal Value	Unit	Test Method
Light Transmittance	90.0	%	ASTM D1003
Haze	< 1.00	%	ASTM D1003

Notes

¹ Typical properties: these are not to be construed as specifications.

