

## Technical Data Sheet **WCI GPPS - OPS**

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### Product Description

**WCI GPPS - OPS** is a high-performance material produced by stretching extruded polystyrene (PS) film. Through orientation, **WCI GPPS-OPS** achieves enhanced transparency, increased stiffness, and excellent surface gloss, making it an ideal choice for applications that demand clarity, dimensional stability, and aesthetic appeal.

The material demonstrates good processability in both thermoforming and printing applications, allowing converters to achieve precise shaping, consistent forming, and high-quality surface finishes. With its cost-effectiveness and versatility, **WCI GPPS-OPS** provides a reliable solution for industries requiring lightweight, rigid, and visually attractive packaging materials.

### Typical Applications

- Disposable Containers & Lids: Thermoformed trays, cups, and lids with high clarity and rigidity.
- Labels & Sleeves: Printable OPS films for shrink labels, wrap-around labels, and decorative packaging.
- Clear Packaging Solutions: Blister packs, folding cartons, and other transparent packaging where appearance and dimensional stability are critical.
- General Purpose Applications: Any product that benefits from a balance of optical clarity, surface gloss, and stiffness at a competitive cost.



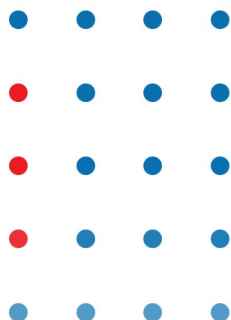
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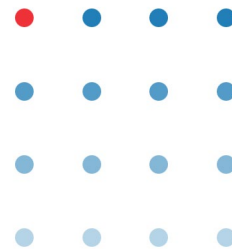


[www.wci-polymer.com](http://www.wci-polymer.com)



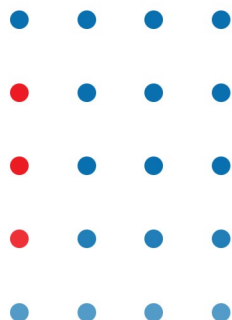
[Sales@wci-polymer.com](mailto:Sales@wci-polymer.com)





## TECHNICAL SPECIFICATION

PROPERTIES	UNIT	VALUE	INFORMATION	STANDARD
<b>DSC</b>	$^{\circ}\text{C}$ $^{\circ}\text{C}$ j/g	379.0 420.5 437.47	Heating rate: $10^{\circ}\text{C}/\text{min}$ Atmosphere used : N2 Gas pressure used: 10 Bar Gas Debi rate used: 50 mlit/min Gender of pen: Aluminum	ISIRI 7186-6
<b>Density</b>	g/cm3	1.03	Temperature 23 degrees Celsius Liquid ethanol	INSO 7090-1
<b>MFR</b>	g/10 min	9-11	$200^{\circ}\text{C}/5\text{KG}$	ASTM D1238



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[www.wci-polymer.com](http://www.wci-polymer.com)



[Sales@wci-polymer.com](mailto:Sales@wci-polymer.com)

