

Non-Phthalate Polypropylene



Use **Packaging / Baby Products / Medical Applications**

Background

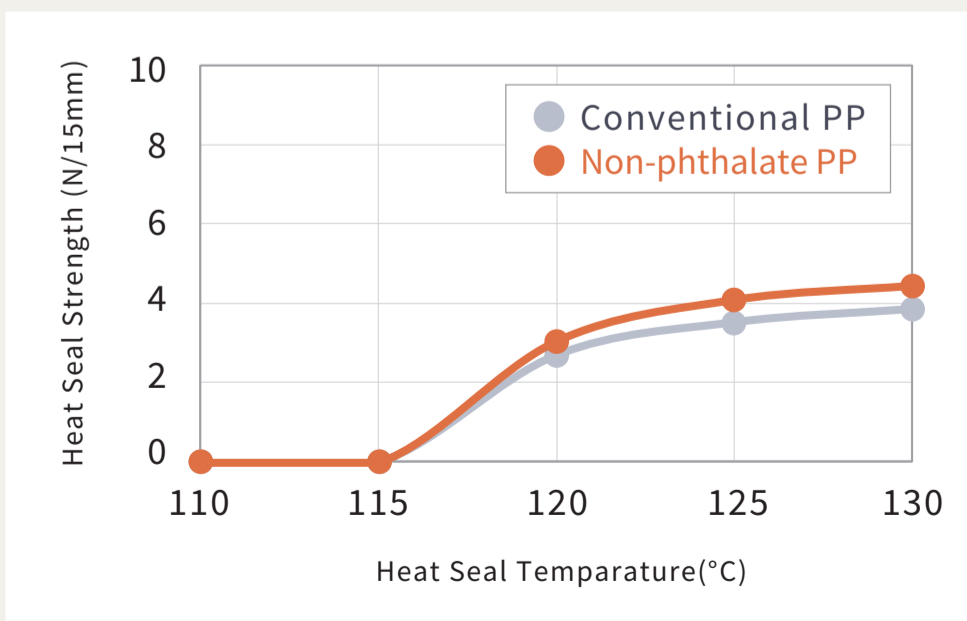
Conventional PP may contain residual phthalates.
 Phthalate regulations are tightening, especially in Europe.
 Our material achieves standard PP performance without intentional phthalate additives.

Typical Properties of BOPP Film (Thickness: 20 μm)

			Conventional BOPP Resin	Developing Non-phthalate BOPP Resin
Physical & Thermal	Tm	°C	160	159
	MFR	g/10min	3	3
BOPP Film	HAZE		<1	<1
	Thermal Shrinkage (130°C)	MD	4	3
		TD	4	4
	Tensile Modulus	MD	2,040	2,500
		TD	4,500	5,500

Molding Conditions: Extrusion Temperature 230 °C, Draw Ratio 5 x 10, Line Speed 15 m/min

PP for OPP Sealant



Features

- No intentional addition of phthalates
- Equivalent properties to standard PP
- Compatible with various molding methods:
 - Injection, extrusion, orientation
- Suitable for diverse applications:
 - Food, baby products, medical items

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