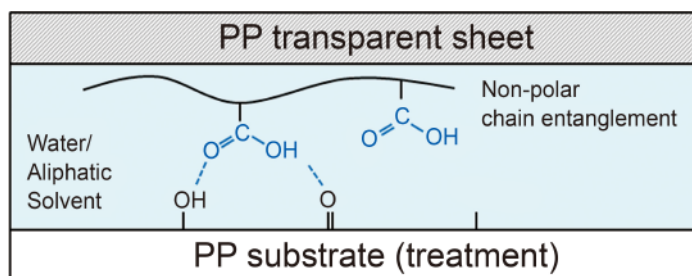


Eco-Friendly Polyolefin LVT Flooring

Phthalate-free polyolefin-based printing ink for LVT flooring

A halogen-free modified polyolefin resin with a benzene-free solvent, forming a durable, heat-resistant, and highly printable ink that bonds seamlessly with PP substrates. It can be the sustainable replacement for PVC.



Hot-press
(120~180°C)
Transparent PP
sheet
Printed layer
White PP film



Eco-Friendly Ink Formulation

Free from Halogen and Benzene Solvents



Excellent PP Adhesion & Heat Reactivation

Bond Strength 3kgf/5cm



High Color Fastness Performance

Lightfastness Grade 5, Heat Resistance 160°C



Excellent Printability Performance

Printing Speed 90m/min

Item	Properties	Commercial Product	ITRI
Ink	Resin type	Chlorinated PP	PP
	Solvent type	Aromatic solvent(Toluene)	Aliphatic Solvent
Product	Color Fastness(After hot-press)	NG	Good
	Tape test	NG	Good
	Bonding Strength(kgf/5cm)	2~3	5~7
	Printing speed(m/min, max)	70	90
	Anti-blocking	NG	Good

