

Loxanol® MI 6730

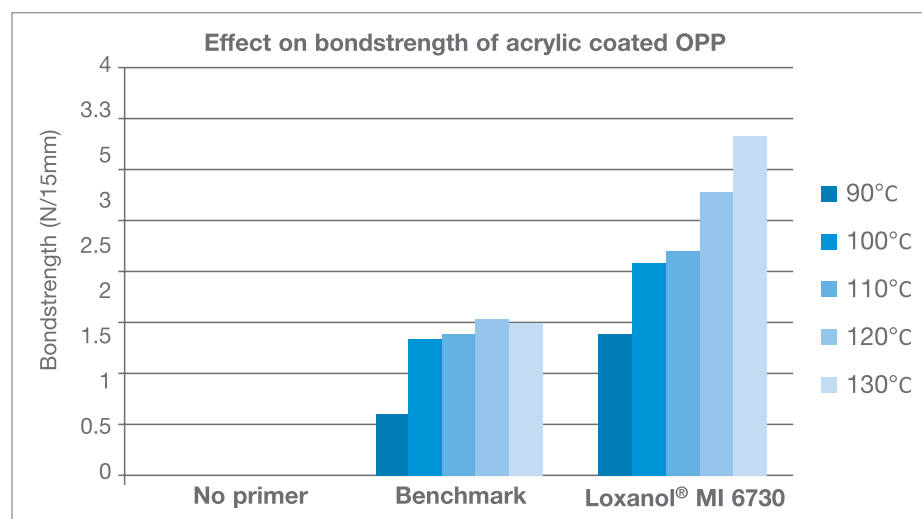


Adhesion promoter for film and foil

Loxanol® MI 6730 is an aqueous solution of a cationic polymer based on polyethylene imine. It is a very effective adhesion promoter in multilayer packaging films manufactured by coating, lamination, extrusion coating or co-extrusion.

As primer it provides excellent adhesion for example water-based heat-seal lacquers on substrates like aluminium foil and OPP.

Better performance in bond strength of acrylic coatings on OPP compared to benchmark.



Improvement of bond-strengths of acrylic coating with Loxanol® MI 6730 as primer sealed at different sealing temperatures.

Loxanol® MI 6730: Characteristic Values

Characteristic	Method	Value
Average molar mass	GPC	~ 750.000 g/mol
Viscosity	ISO 2555, Brookfield	~ 25.000 mPa.s
Concentration	ISO 3251	~ 50 %
Density	ISO 51757 @ 20 °C	~ 1.09 g/cm ³

Performance Highlights

- Provides excellent adhesion of acrylic coatings to OPP.
- Provides dissipation of static charge resulting in low ash pick up.
- Provides adhesion to UV inks on difficult substrates.

Sustainability Highlights

- Allowing lower temperature upon sealing.



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