

RayoForm™

BOPP Films for
In Mould Labelling



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use our imagination...

Innovia's RayoForm™ in mould BOPP label films for polypropylene containers create an exciting opportunity in many IML markets, especially as it allows designers to move away from traditional round or square container formats and overcome the limitations of direct print.

By matching the label substrate material with the container material, the final pack is recyclable and meets packaging design recommendations in both North America and Europe – the Association of Plastic Recycling (APR) and Plastic Recyclers Europe respectively.

The RayoForm™ range of films offers clear, white and cavitated options with the additional features of smooth vs soft touch surfaces. Film thicknesses range from 50 µm through to 80 µm. RayoForm™ films can be printed using UV or conventional lithographic ink systems.

Market Leading White Films

| Film | Description | Thickness | | Yield | |
|---------------|--|-----------|-------|--------------------|---------------------|
| | | Micron | Gauge | m ² /kg | in ² /lb |
| RayoForm™ EUP | High yield cavitated density 0.55, orange peel effect | 50 | 200 | 36.4 | 25600 |
| | | 60 | 230 | 30.3 | 21300 |
| | | 70 | 280 | 26.0 | 18300 |
| RayoForm™ ERH | Cavitated, density 0.68 satin finish | 80 | 320 | 18.8 | 13200 |
| RayoForm™ ELR | Semi-cavitated, density 0.88, glossy finish | 60 | 230 | 19.6 | 13800 |
| | | 70 | 280 | 16.7 | 11750 |
| RayoForm™ IWU | Solid white, density 0.98, high gloss finish after moulding, large format labels | 55 | 220 | 18.6 | 13050 |
| | | 65 | 260 | 15.7 | 11050 |

| Properties | Benefits |
|-----------------------------|--|
| High opacity white films | Yield savings over 80 micron films |
| Engineered stiffness levels | Low distortion for thin walled containers and lids |
| Superior litho ink adhesion | Smooth gloss, satin or soft touch surface options |
| Excellent static control | High de-stacking and feed performance |
| High yield | |

High Clarity for 'No-Label' Look

| Film | Description | Thickness | | Yield | |
|---------------|--|-----------|-------|--------------------|---------------------|
| | | Micron | Gauge | m ² /kg | in ² /lb |
| RayoForm™ EEG | Clear film, enhanced stiffness, FDA food contact compliant | 57 | 230 | 19.3 | 13600 |
| RayoForm™ ICU | Clear high gloss, EU food contact compliant | 47 | 190 | 23.5 | 16500 |

| Properties | Benefits |
|------------------------|-----------------------------------|
| Excellent transparency | Down gauging opportunities |
| | Shelf Appeal |
| | Ideal for large format containers |
| | Reduced distortion |

Contact your local Innovia Sales Manager to check availability

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