

# CASTING PAPERS R series



## New Sustainable Products

— Using Recycled Paper —

### 100% Recycled Paper Composition

Made entirely from recycled paper, our product aligns with eco-friendly practices and minimizes waste.

### No New Deforestation Required

By eliminating the need for new wood resources, this product significantly reduces CO<sub>2</sub> emissions and actively contributes to building a more sustainable future.

### CO<sub>2</sub> Reduction 30%\*

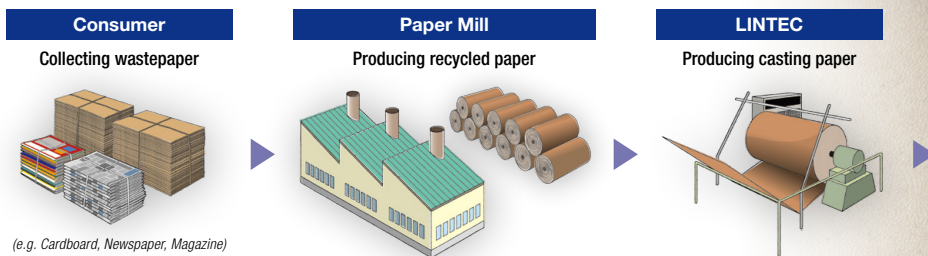
A 30% reduction in CO<sub>2</sub> emissions can be achieved compared to our current products.\*

\*The above is our calculated value. In future developments with different patterns, there is a possibility that the calculated reduction amount may fall below 30% due to the product composition.

### Same Performance for the grains, glossiness and release strength

While the paper's appearance is brown, reflecting its recycled origins, and contains some impurities, the laminated surface ensures that no foreign particles detach. The products also delivers the same grains, glossiness and release strength as our current products made from virgin pulp paper, although the paper strength is weaker.

## Material Flow



Synthetic Leather

**Casting Paper**  
(Using Recycled Paper)

## Comparison

Properties	Unit	BP120TPD R-8 [NEW]	EV130TPD R-8	BP120PXDH R-8IM [NEW]	PXDH R-8IM
Substances	g/m <sup>2</sup>	154.0	162.4	150.1	162.0
Thickness	μm	229	241	236	249
Tensile Strength (MD)	kN/m	5.93	10.20	6.13	9.93
Tensile Strength (CD)	kN/m	3.27	6.07	3.13	5.87
Tear Strength (MD)	mN	960	1,461	820	1,338
Tear Strength (CD)	mN	1,200	1,633	980	1,529
Release Property	mN/30mm	265 (PU)	275 (PU)	193 (Semi-PU)	197 (Semi-PU)
Glossiness	%	5.0	6.3	4.4	5.3

The values shown above represent actual measurement values, not guaranteed values.



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