

Dairy Home yogurt cup



CPF Meat tray



Drinking cup

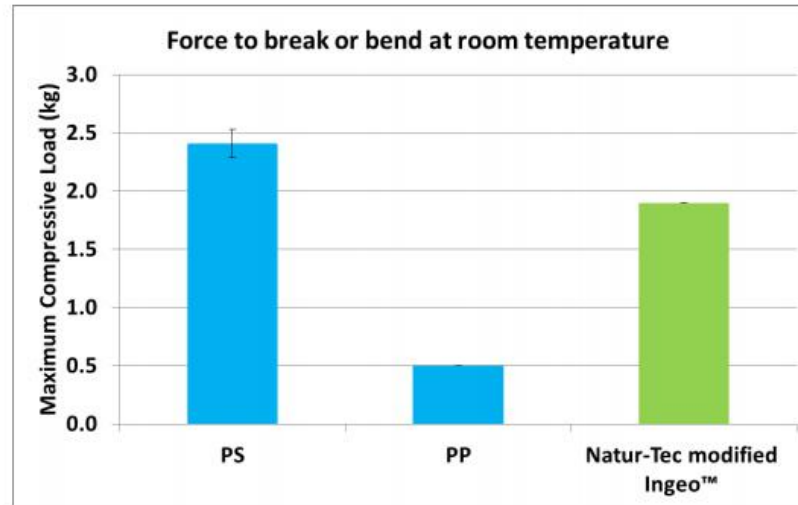


Natur-Tec's modified Ingeo™ cutlery

Rigidity Comparison (Max Load)



Natur-Tec modified Ingeo™ cutlery is rigid, similar to a premium PS cutlery, and can **withstand a load of 1.9 kg**

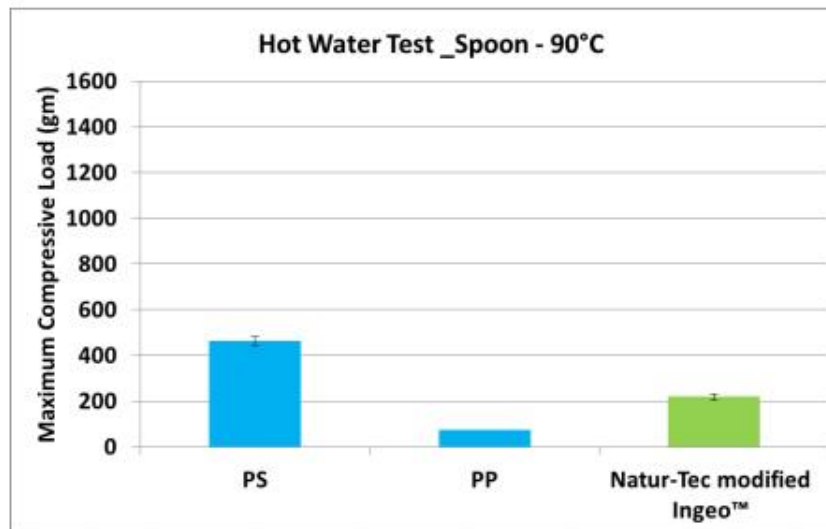


Natur-Tec's modified Ingeo™ cutlery

Hot Water Test Results: at 90°C



At over 90°Celsius, Natur-Tec modified Ingeo™ and PS are both flexible but can withstand a higher load than PP cutlery



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Natur-Tec's modified Ingeo™ cutlery

Hot Water Test Results: at 90°C



- PS cutlery deforms in very hot water at 90°C (194°F)
- Natur-Tec's modified Ingeo™ cutlery retains its shape

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Film application



BOPLA FILM APPLICATIONS



We have increased biaxially oriented Poly-Lactic-Acid the BOPLA film capacity in accordance to the rise of global demand for a sustainable flexible packaging substrate which is environmentally friendly that created from nonpetroleum based polymer with the ability to 100% decompose naturally.



AN "EARTH CARE" CONVERTING SUBSTRATES WITH BIODEGRADABILITY AND COMOSTABILITY

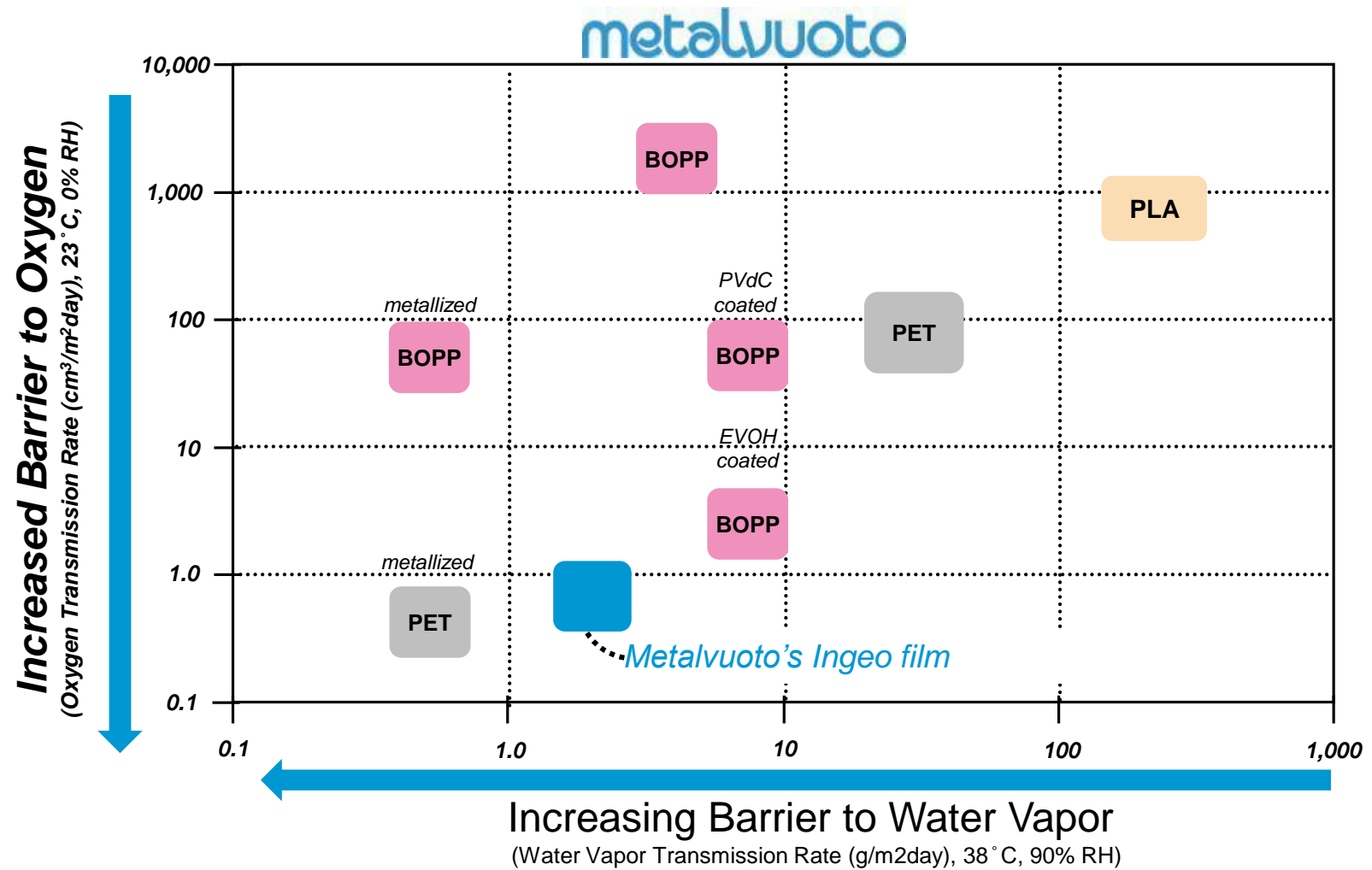
PROPERTY

Besides primary attraction as environmental friendly substrate, BOPLA also exhibit an exceptional property of

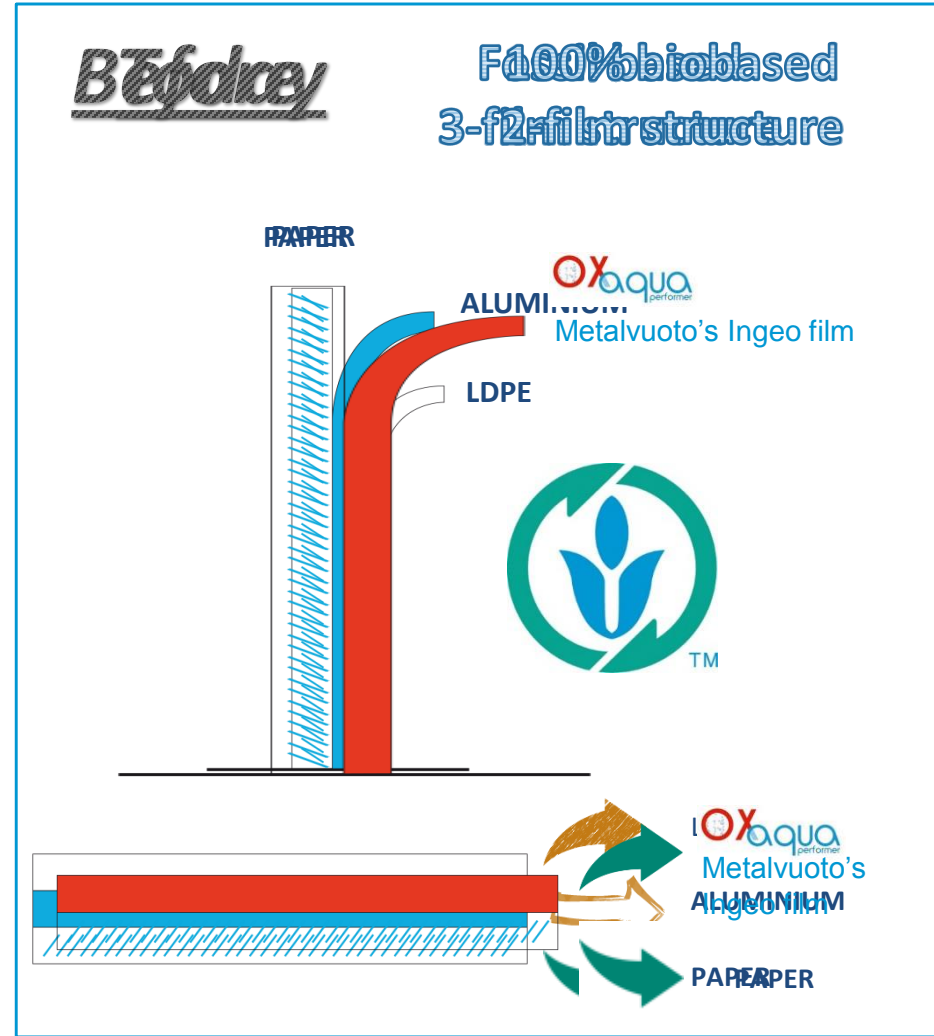
- High transparency and gloss
- Acceptable moisture barrier
- High Oxygen barrier
- Dead fold/Twistable
- High aroma barrier
- Make a better tomorrow



New Multifunctional Barrier Structures...



Which allow Rethinking Flexible Multi-Layer Structures...



New Ingeo Grade 3D380

New 3D Ingeo Grade Series

**3D Series
Printing**

**8-series
Foam**

**7-series
Blow Molding**

**6-series
Fibers/Non-woven**

**4-series
Film**

**3-series
Injection Molding**

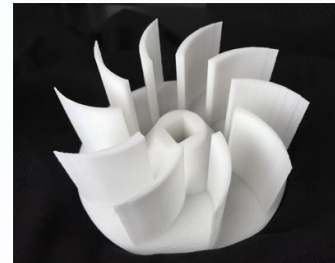
**2-series
Thermoforming**

Lactide Monomer



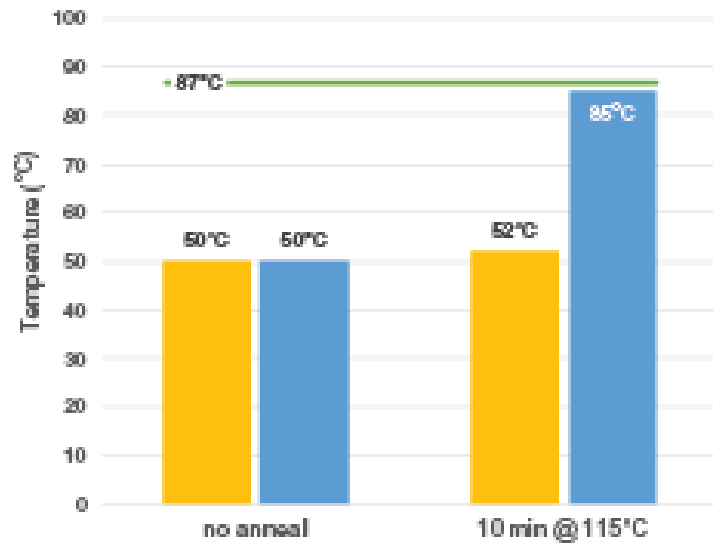
Ingeo 3D360

- Latest Formulation for PLA Filament for 3D Printing
- High Impact Strength
- Heat Resistance Associated with ABS
- home and industrial printing of durable parts
- Post annealing process will be required



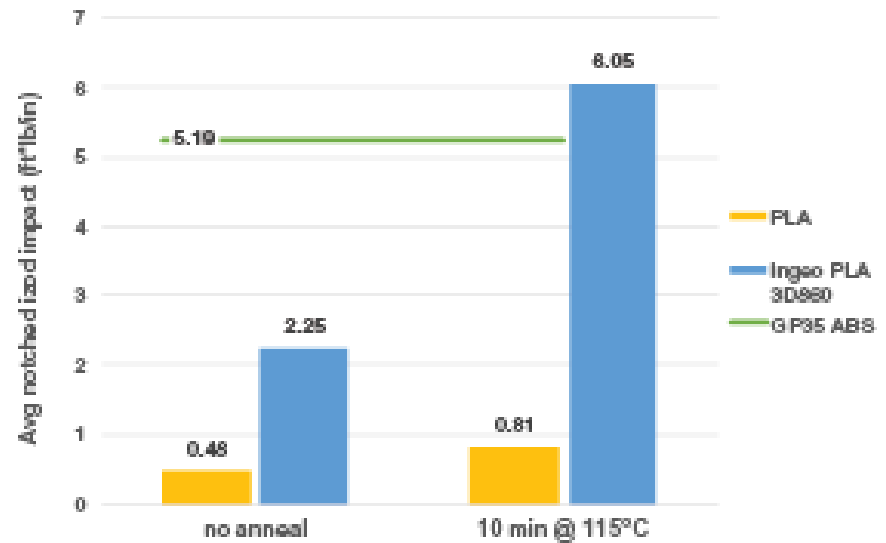
New Ingeo Grade 3D380

HEAT RESISTANCE



*HDT value for GP35 ABS is for an injection molding part tested according to D648

IMPACT STRENGTH



*Impact value for GP35 ABS is for an injection molding part tested according to D256



Naturally advanced materials made from locally abundant and sustainable natural resources



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