Biopolymers in Packaging

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   4. End-of-life alternatives
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   3. Polyethylene terephthalate (PET)
   4. Polytrimethylene terephthalate (PTT)
   5. Polyurethane (PU)
   6. Polyethylene (PE)
   7. Polypropylene (PP)
   8. Polyvinyl chloride (PVC)
   9. Polybutalene succinate (PBS)
   10. Cellulose ester (CE)
   11. Thermoplastic starch (TPS)

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   1. Polylactic acid (PLA)
   2. Polyhydroxyalkanoate (PHA)
   3. Thermoplastic starch (TPS)

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   1. Polylactic acid (PLA)
2. Polyhydroxyalkanoate (PHA)
3. Polytrimethylene terephthalate (PTT)
4. Polyethylene terephthalate (PET)
5. Polyurethane (PU)
6. Polyethylene (PE)
7. Polypropylene (PP)
8. Polybutalene succinate (PBS)
9. Cellulose ester (CE)
10. Thermoplastic starch (TPS)
11. Polyamide (PA)
12. Polyvinyl chloride (PVC)

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4. Polyethylene (PE)
5. Polyethylene terephthalate (PET)
6. Polyhydroxyalkonates (PHA)
7. Polylactic acid (PLA)
8. Polypropylene (PP)
9. Polytrimethylene terephthalate (PTT)
10. Polyurethane (PU)
11. Polyvinyl chloride (PVC)
12. Thermoplastic starch (TPS)
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D. Cellulose ester (CE)
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   3. Suppliers
   4. Market value
   5. Cellulose ester volume segmented by end-use category
   6. Cellulose ester volume segmented by package type
   7. Cellulose ester volume segmented by geographic region

E. Polyamides

F. Polybutalene succinate (PBS)
   1. Separate sales volume in packaging from total sales volume
   2. Projection
   3. Suppliers
   4. Market value
   5. Bio-PBS volume segmented by end-use category
   6. Bio-PBS volume in packaging by package type
   7. Bio-PBS volume by geographic region

G. Polyethylene (PE)
   1. Separate sales volume in packaging from total sales volume
   2. Projection
   3. Supplier sales
   4. Market value
   5. Bio-PE volume segmented by end-use category
   6. Bio-PE volume segmented by package type
   7. Bio-PE volume by geographic region

H. Polyethylene terephthalate (PET)
   1. Separate sales volume in packaging from total sales volume
   2. Projection
3. Supplier sales
4. Market value
5. Bio-PET packaging volume segmented by end-use
6. Bio-PET packaging volume segmented by package type
7. Bio-PET volume segmented by geographic region

I. Polyhydroxyalkonates (PHA)
   1. Separate sales volume in packaging from total sales volume
   2. Projection
   3. Supplier sales
   4. Market value
   5. PHA volume segmented by end-use
   6. PHA volume segmented by package type
   7. PHA volume by geographic region

J. Polylactic acid (PLA)
   1. Separate sales volume in packaging from total sales volume
   2. Projection
   3. Supplier sales
   4. Market value
   5. PLA packaging volume segmented by end-use
   6. PLA volume segmented by package type
   7. PLA volume by geographic region

K. Polypropylene (PP)
   1. Separate sales volume in packaging from total sales volume
   2. Projection
   3. Supplier sales
   4. Market value
   5. Bio-PP packaging volume segmented by end-use
   6. Bio-PP volume segmented by package type
   7. Bio-PP volume by geographic region

L. Polytrimethylene terephthalate (PTT)

M. Thermoplastic polyurethane (TPU)
   1. Separate sales volume in packaging from total sales volume
   2. Projection
   3. Supplier sales
   4. Market value
   5. Bio-TPU packaging volume segmented by end-use
   6. Bio-TPU volume segmented by package type
   7. Bio-TPU volume by geographic region

N. Polyvinyl chloride (PVC)

O. Thermoplastic starch (TPS)
   1. Separate sales volume in packaging from total sales volume
   2. Projection
3. Supplier sales
4. Market value
5. TPS packaging volume segmented by end-use
6. TPS volume segmented by package type
7. TPS volume by geographic region

P. Other
1. Separate sales volume in packaging from total sales volume
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7. Other biopolymer volume by geographic region

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3. Other starch plants
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5. Other sugar plants
6. Soybean
7. Other oil based plants
8. Other

S. Biopolymer packaging volume segmented by end-use
1. Separate sales volume in packaging from total sales volume
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4. Foodservice
5. Other

T. Biopolymer volume segmented by package type
1. Biopolymer volume by package type
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3. Bottles, jars, and tubes
4. Carrier and waste bags
5. Cups, cartons, corrugated
6. Flexible film and lidstock
7. Pots
8. Transportation packaging
9. Trays and bowls
10. Other
U. Biopolymer volume in packaging by geographic region
   1. Separate sales volume in packaging from total sales volume
   2. Asia
   3. Europe
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   5. ROW

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