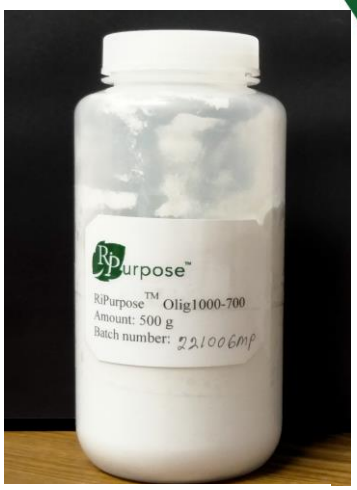
RiPurpose®Olig

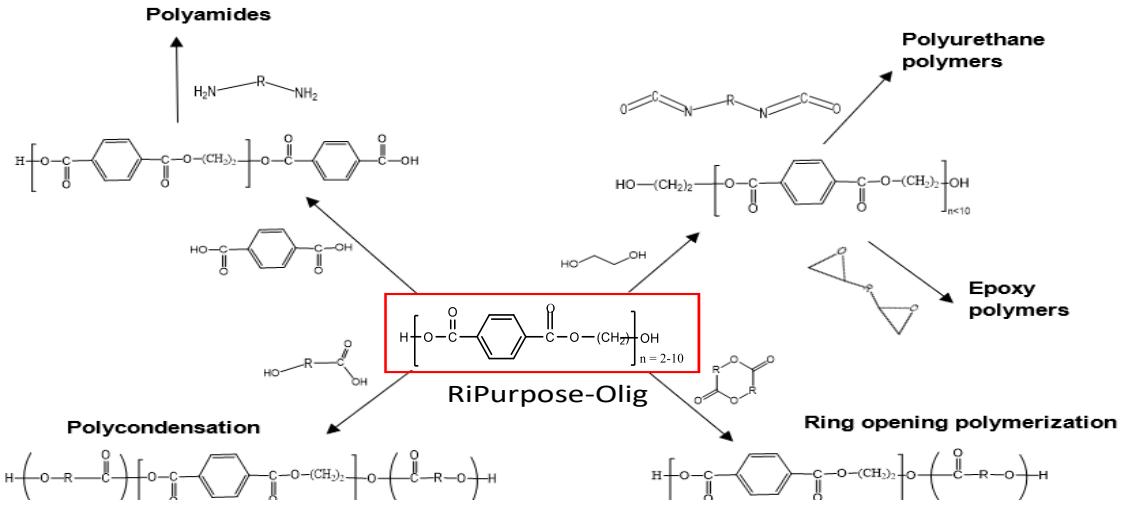
Green Feedstock for Renewable Polymers Produced from 100% post-consumer plastics

About RiPurpose®Olig

This product is produced by hydrolytically breakdown of post-consumer waste polyethylene terephthalate (PET) plastic collected from ocean and environment. The product contains oligomers with terminal alcohol and carboxyl functional groups. This sustainable and green co-monomer can be used as a direct replacement for petroleum-derived feedstock to produce high-value renewable and upcycled polymers by polycondensation, ring-opening polymerization and derivatization of terminal functional groups. By using this recycled feedstock customers can claim CO_2 emissions reduction for their end-use polymers. Our product line will enable customers to create circular economy and decarbonize polymer industries while addressing environmental and water-borne waste plastic challenges, and preserving fossil resources; thus, creating a societal impact.



Target Applications



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