



UNIVERSITY OF LISBON  
INTERDISCIPLINARY STUDIES  
ON SUSTAINABLE ENVIRONMENT AND SEAS

### Beatriz Silva

Manufacturing and Industrial Engineering  
Mechanical Engineering Department  
Instituto Superior Técnico, University of Lisbon

### Augusto Moita de Deus

Mechanical Design and Engineering Materials  
Mechanical Engineering Department  
Instituto Superior Técnico, University of Lisbon

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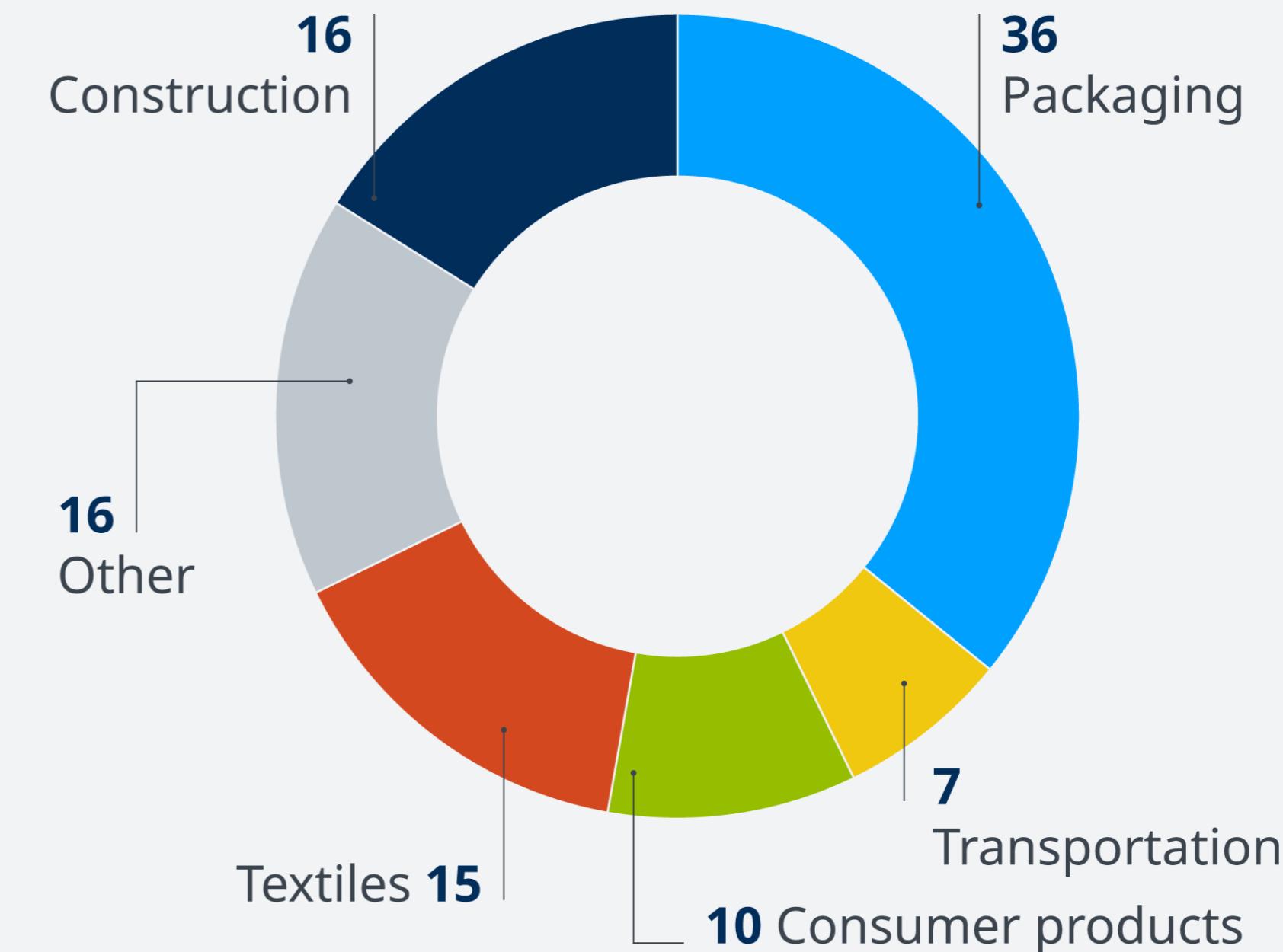


Polymers are the most common materials for producing end-use parts and products, for everything from consumer products to medical devices.

Polymers are a versatile category of materials, lightweight, durable, strong for their weight and good insulators.

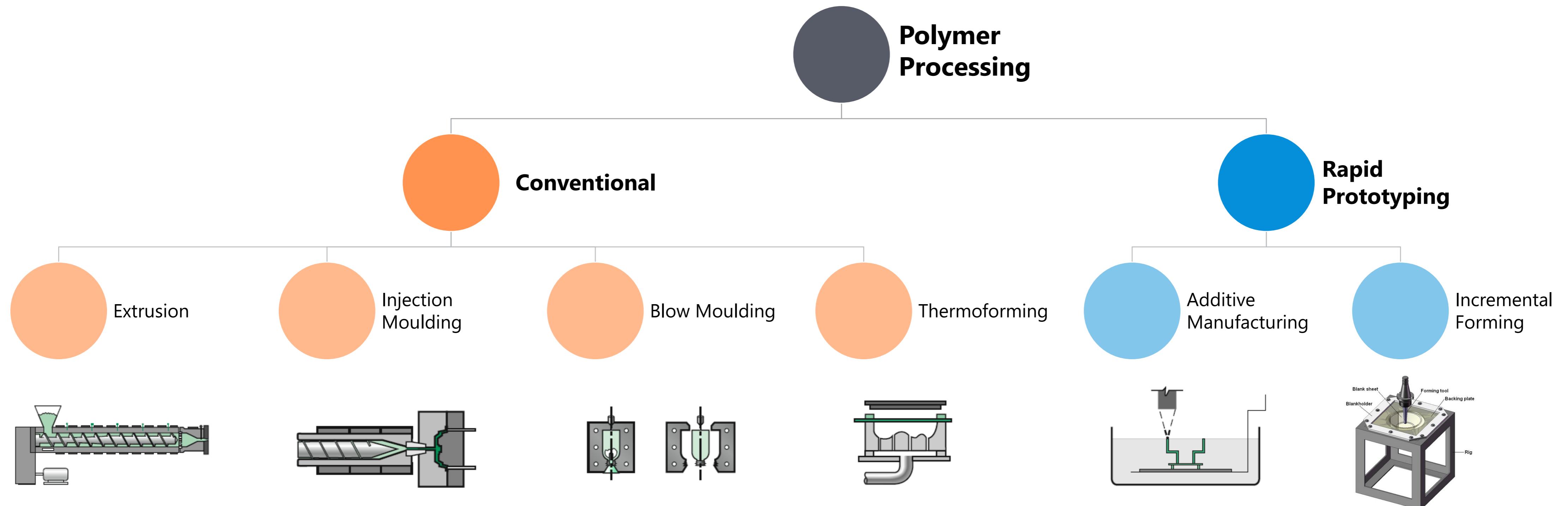
But how are plastic parts made?

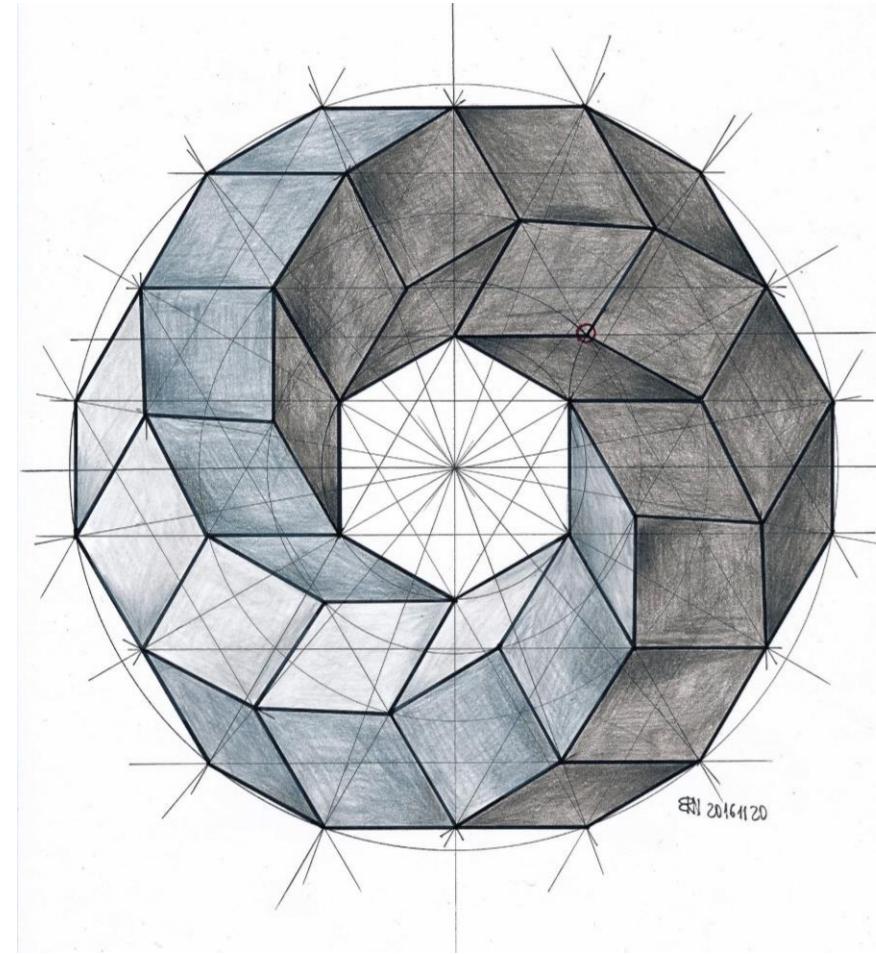
Estimated consumption of plastic by end-use sector



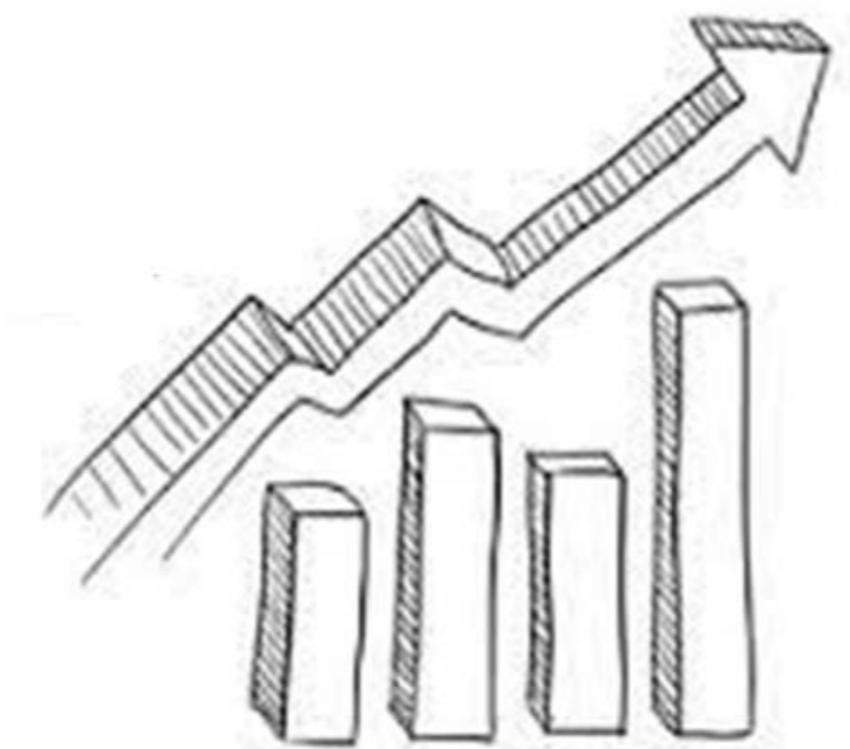
Source: R. Geyer, J. R. Jambeck and K. L. Law

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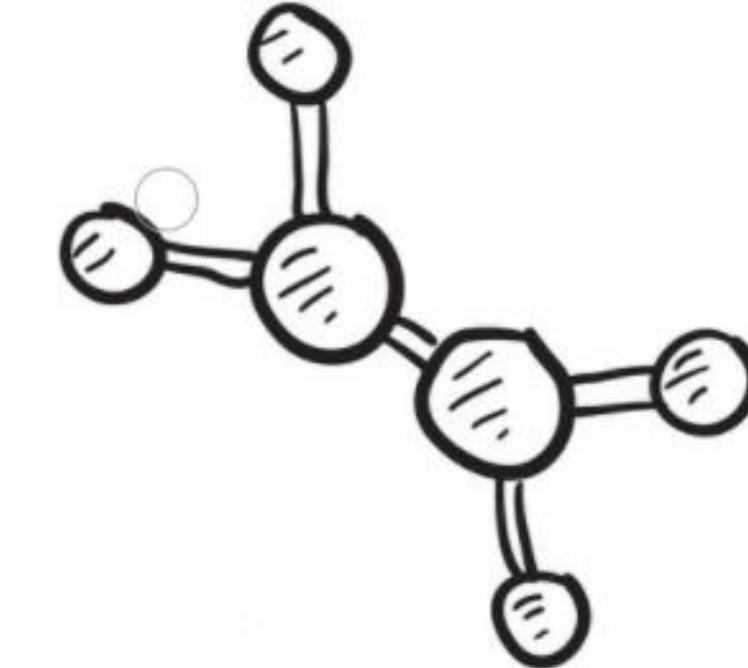
**Form**



**Volume/cost**



**Lead time**



**Material**



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