

### Custom Fully Formulated Blends

Blending NuPlastiQ with other biodegradable resins such as PHA, PLA, or PBAT results in BioBlend BC products that biodegrade in Industrial Compost conditions. Bring your partner resins (PHA and PLA).

### Injection and Blow Molding

NuPlastiQ® XD High Durability BioPolymers for Durable Goods

BioBlend	Partner Resin	Typical Use
50% NuPlastiQ, 50% partner resin		
XD 25050	PP	Injection Molding
XD 25150	PP	Injection Molding
XD 25250	PP	Injection Molding, Extrusion
XD 22620	HDPE	Blow Molding
XD 26150	PS	Injection Molding

### BioBlend BC and MB

- Plastic to CO<sub>2</sub> and H<sub>2</sub>O Biodegradation without need for prior fragmentation.
- Cost effective solution for biodegradability (Industrially Compostable).
- ⚠ Not mechanically recyclable in most streams. Please check local requirements and label accordingly.



PHA and PLA

PP, PS, PE



### BioBlend XP and XD

- Reduced carbon footprint versus fossil-based.
- Drop-in manufacturing.
- Potential for light weighting extruded films and sheets.
- Recyclable with special consideration.
- 5 to 40% renewable content. (In many cases only practical route)

### Compostable Films

NuPlastiQ® BC Biodegradable/Compostable BioPolymers for Packaging & Films

BioBlend	Partner Resin	Typical Use
Fully formulated		
BC 27130	PBAT	Blown and cast films
BC 27240	PBAT/PLA	Blown film, bags

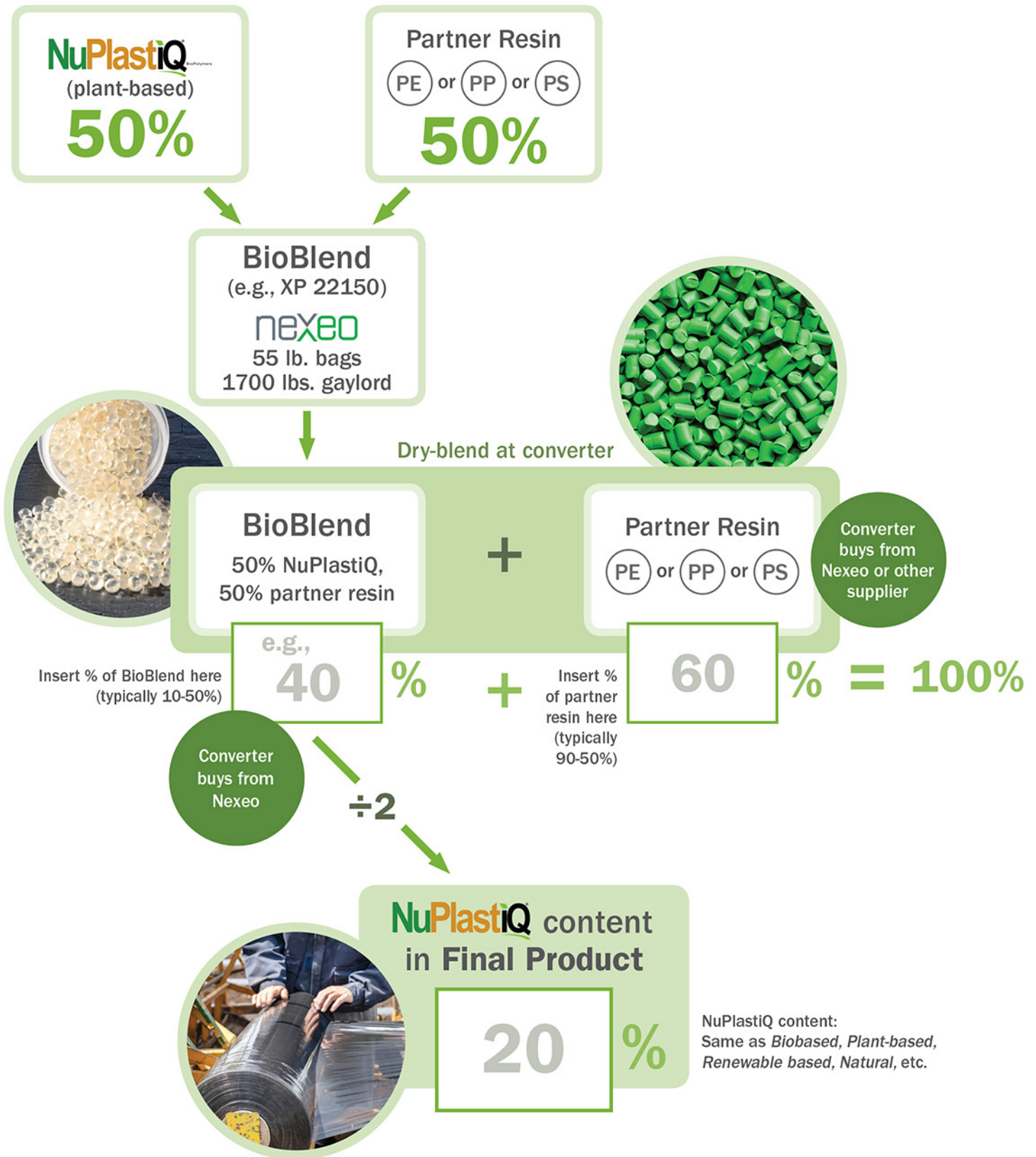
### Extruded Films

NuPlastiQ® XP High Performance BioPolymers for Packaging & Films

BioBlend	Partner Resin	Typical Use
50% NuPlastiQ, 50% partner resin		
XP 22150	HDPE	Blown Film, Blow Molding, Extrusion
XP 22250	HDPE	Blown Film
XP 24150	LDPE	Blown Film
XP 24250	mLLDPE	Blown Film
XP 24550	LLDPE butene	Blown Film
XP 24850	LLDPE octene	Blown Film
XP 24875	HDPE/LLDPE	Blown Film

# Attaining Desired NuPlastiQ® Content

Plant-based Content



MAIN OFFICE

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**BiologiQ**