

NuPlastiQ® XP High Performance BioPolymers for Packaging & Films

BioBlend 50% NuPlastiQ, 50% partner resin					
	Partner Resin	Typical Use	Density (g/cm³)		MFI (g/10min)
XP 22150	HDPE	Blown Film, Blow Molding, Extrusion	1.17	0.64	190°C @ 5.0 kg
XP 22250	HDPE	Blown Film	1.20	0.88	190°C @ 5.0 kg
XP 24150	LDPE	Blown Film	1.16	0.67	190°C @ 5.0 kg
XP 24250	mLLDPE	Blown Film	1.16	0.65	190°C @ 5.0 kg
XP 24550	LLDPE butene	Blown Film	1.16	0.30	190°C @ 5.0 kg
XP 24850	LLDPE octene	Blown Film	1.16	0.64	190°C @ 5.0 kg
XP 24875	HDPE/LLDPE	Blown Film	1.17	0.56	190°C @ 5.0 kg

NuPlastiQ® XD High Durability BioPolymers for Durable Goods

BioBlend 50% NuPlastiQ, 50% partner resin					
	Partner Resin	Typical Use	Density (g/cm³)		MFI (g/10min)
XD 25050	PP	Injection Molding	1.16	5.40	190°C @ 2.16 kg
XD 25150	PP	Injection Molding	1.16	3.5-4.4	190°C @ 2.16 kg
XD 25250	PP	Injection Molding, Extrusion	1.20	3.00	190°C @ 2.16 kg
XD 22620	HDPE	Blow Molding	1.04	1.08	190°C @ 5.0 kg
XD 26150	PS	Injection Molding	1.23	1.90	190°C @ 5.0 kg

NuPlastiQ® BC Biodegradable/Compostable BioPolymers for Packaging & Films

BioBlend Fully formulated					
	Partner Resin	Typical Use	Density (g/cm³)		MFI (g/10min)
BC 27130	PBAT	Mulch Film	1.30	2.75-4.25	190°C @ 2.16 kg
BC 27240	PBAT/PLA	Blown film, bags	1.30	3.70	190°C @ 2.16 kg