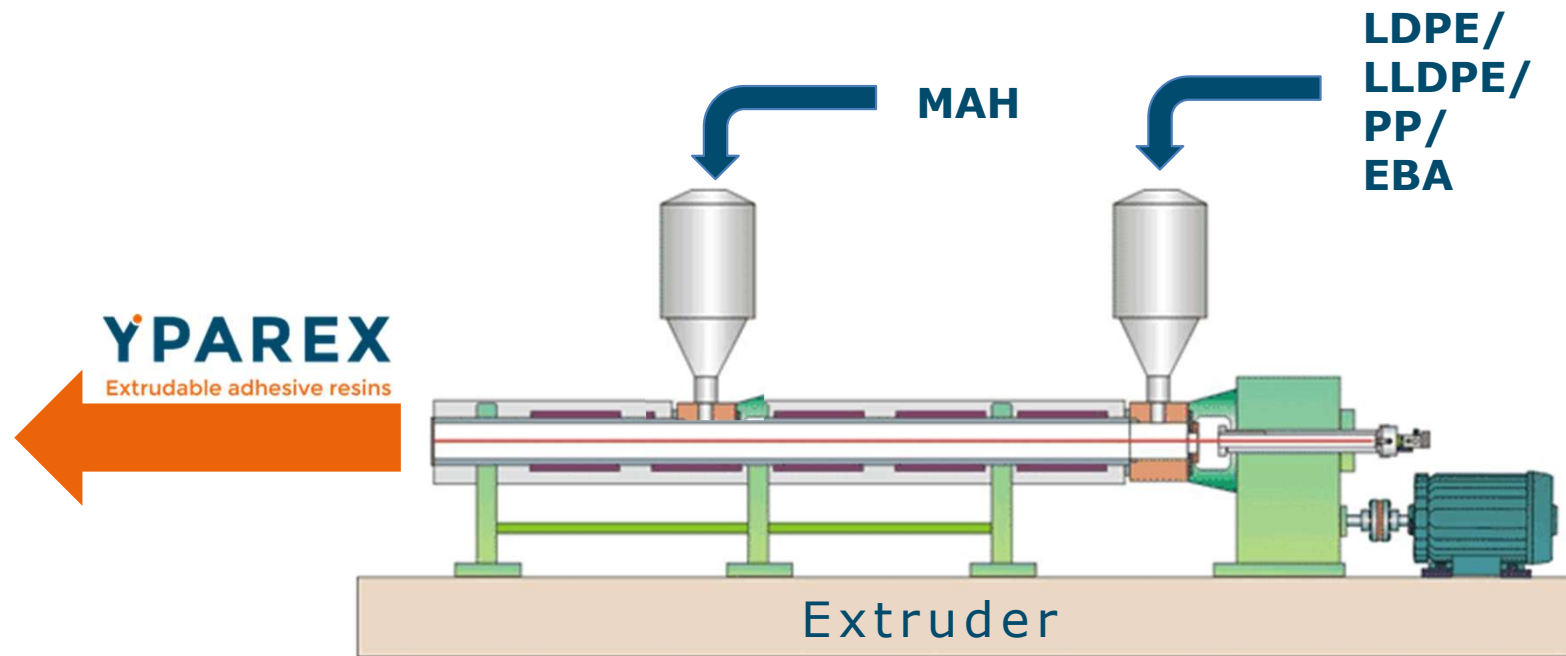


Yparex Extrudable adhesive resin

• www.thecompoundcompany.com

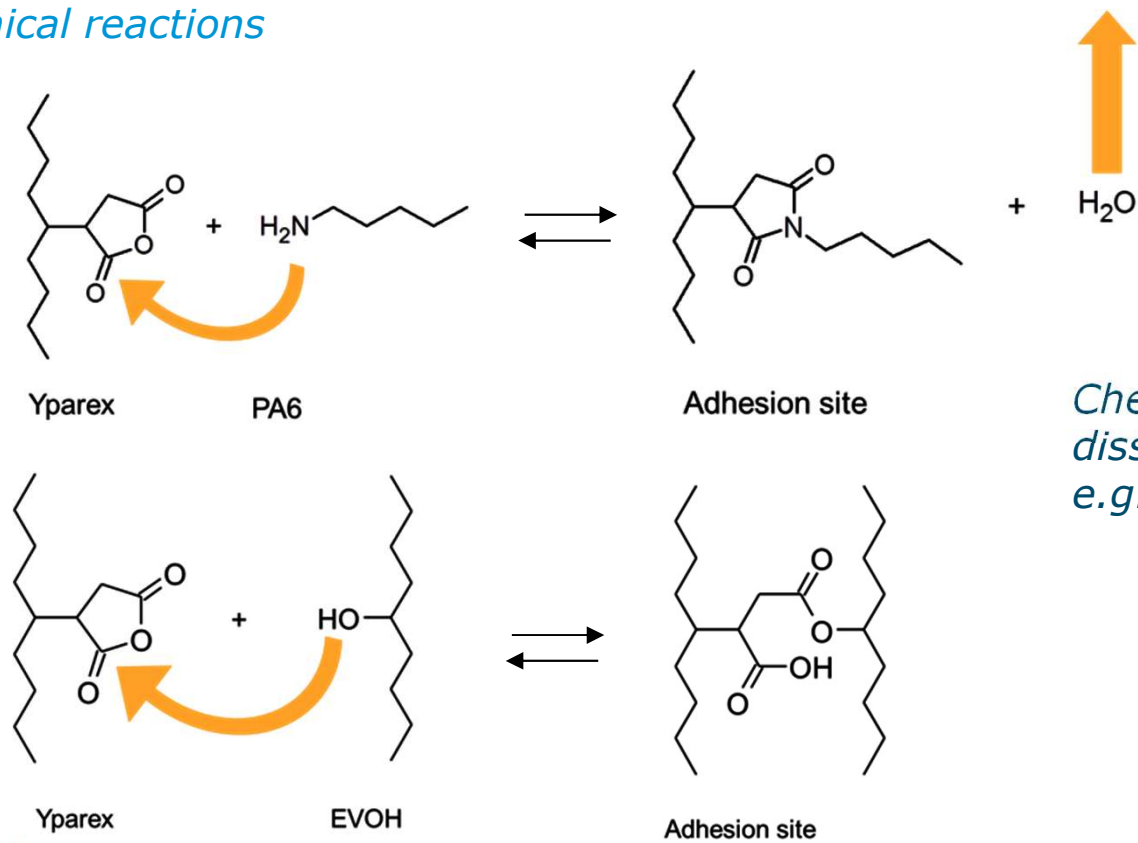
Production process of Yparex

Modified polyolefins based on Maleic Anhydride (MAH)



Yparex adheres with various carriers

Some chemical reactions



*Chemical bond to
dissimilar materials
e.g., barrier materials*

Adhesion in multilayer film applications

Our experts are open to discuss your multi layer challenge



Lidding Films



Liquid Packaging



Shrinkable Films



Medical



Bottles and Tubes



Vacuum Bags



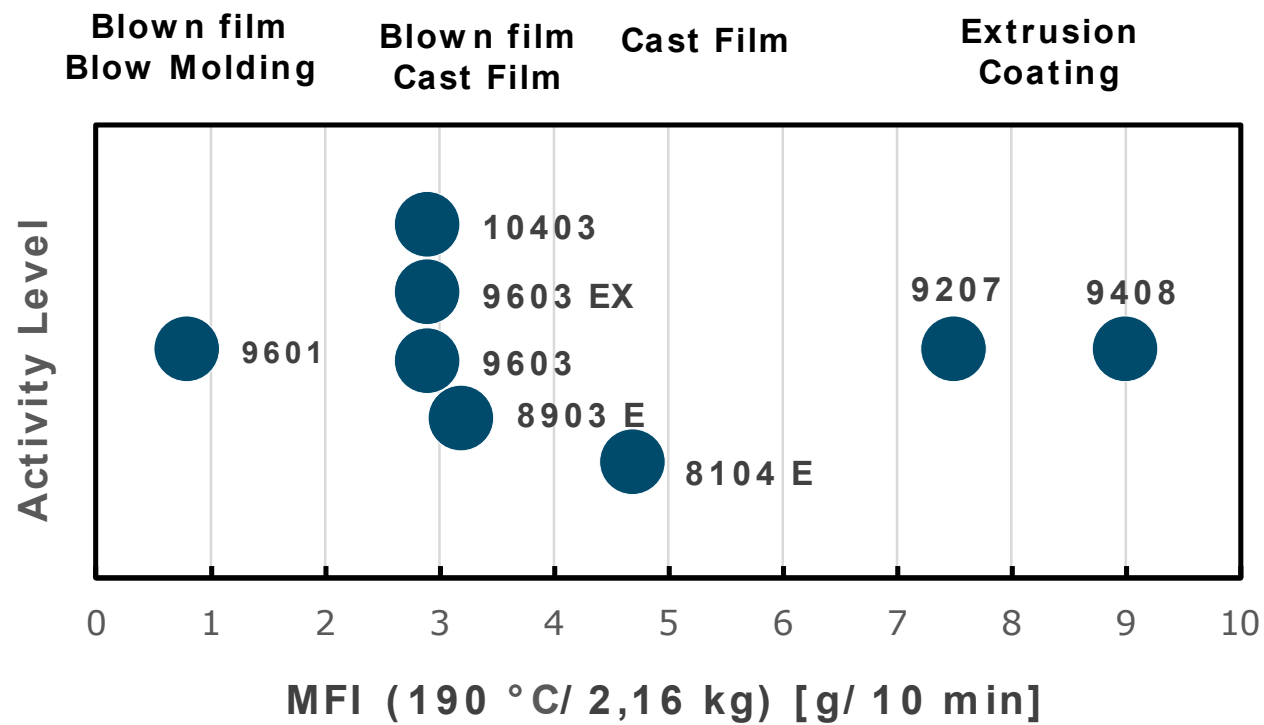
Trays



Agricultural Films

Yparex PE-based grades for packaging

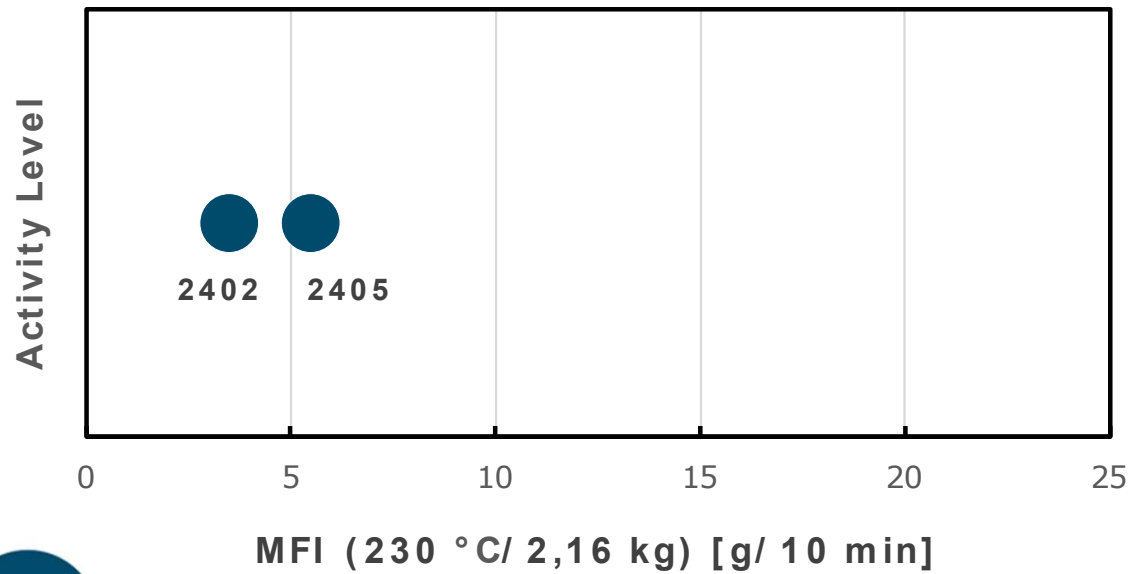
Designed for specific processes



Yparex PP-based grades

Designed for specific film applications

Blown film
Blow Molding Cast Film



Property	Unit	Yparex 2405	Yparex 2402
MFI 230 °C, 2.16 kg	g/10 min	5	2.5
Tm	°C	140	160
Vicat 50 °C/h 10 N	°C	106	131
Density	kg/m ³	890	895





Yparex coupling agents and compatibilizers

Grade	Backbone	Grafting Level FTIR in-house	MFR (g/10 min) ASTM D1238
11308	HDPE	Very high (~2%)	8 (2.16kg, 190 °C)
10403	LLDPE	High (~1%)	3 (2.16kg, 190 °C)
0H247	mPE	High (~1%)	3 (2.16kg, 190 °C)
11205	LDPE	Very high (~2%)	6 (2.16kg, 190 °C)
RENEW 0H17	LDPE	Very high (~2%)	6 (2.16kg, 190 °C)

Grade	Backbone	Grafting Level FTIR in-house	MFR (g/10 min) ASTM D1238
42160 (0H01)	PP (copo)	Very high (1-2%)	160 (2.16 kg, 230°C)
41430 (0H02)	PP (homo)	High (0.5-1.0%)	60 (1.2kg, 170°C)
4255 (0H18)	mPP (random)	High (0.5-1.0%)	55 (2.16kg, 190°C)

Packaging

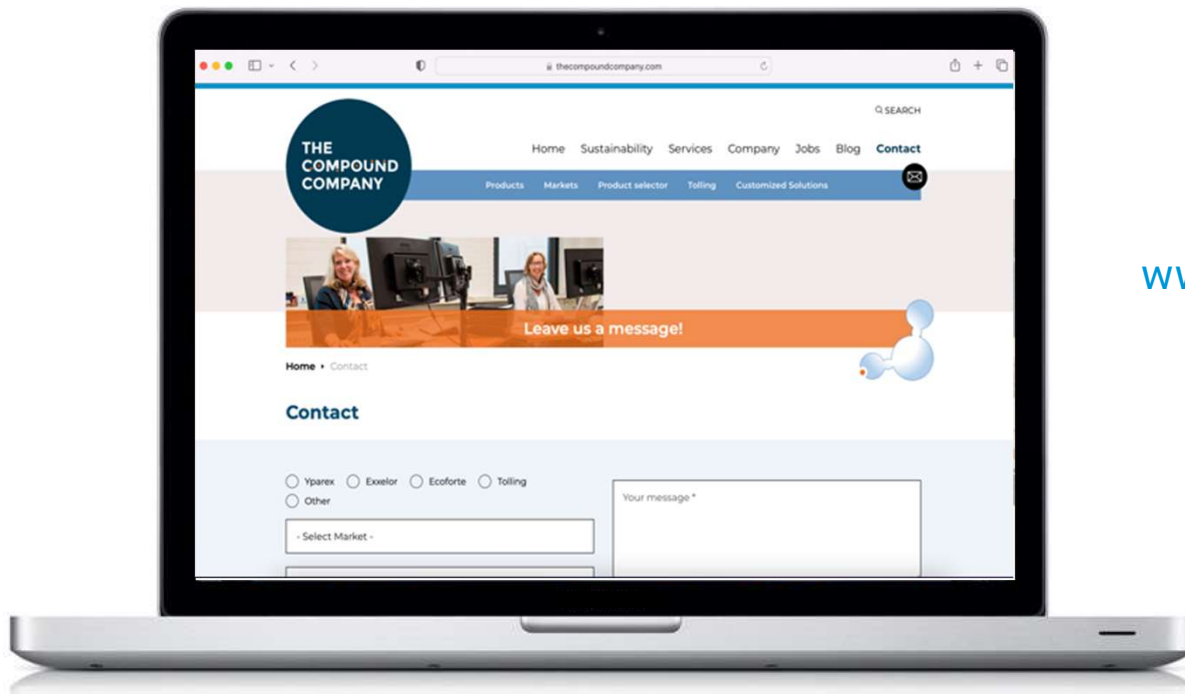
- 20kg bags (65 bags/pallet), 500 kg boxes or 1MT big bags

Yparex coupling agents and compatibilizers

Grade	Material	MAH content (AU)	MFR g/10 min (190@2,16)	Density (kg/m ³)
11308	PE	2	8	955
10403		1	3	918
OH247		1	3,5	885
RENEW OH17	Biobased PE	2	6	920
OH01	PP	1	240 (230@2,16)	900
OH02		1	60 (170@1,2)	905
OH18		1,5	20	860
OH25		0,5-1	60 (170@1,2)	905



Join the Conversation



www.thecompoundcompany.com



CONNECT WITH US



• www.thecompoundcompany.com