

# Adflex Z108SE

## Adding a soft touch to fibers and fabrics

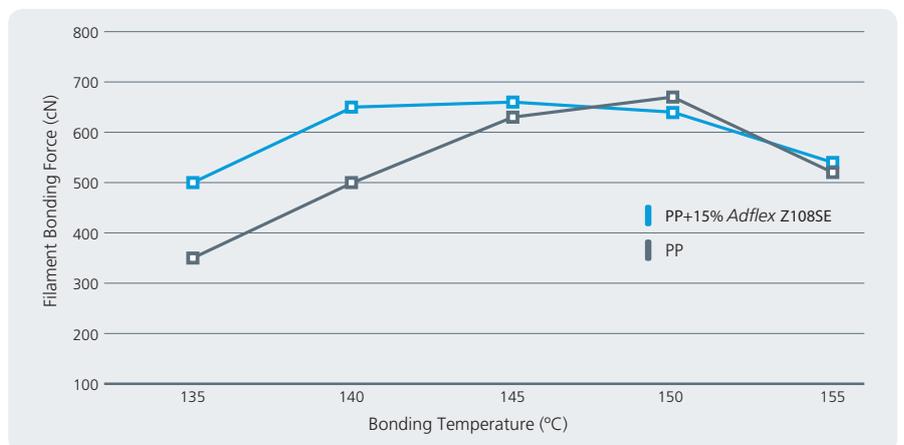
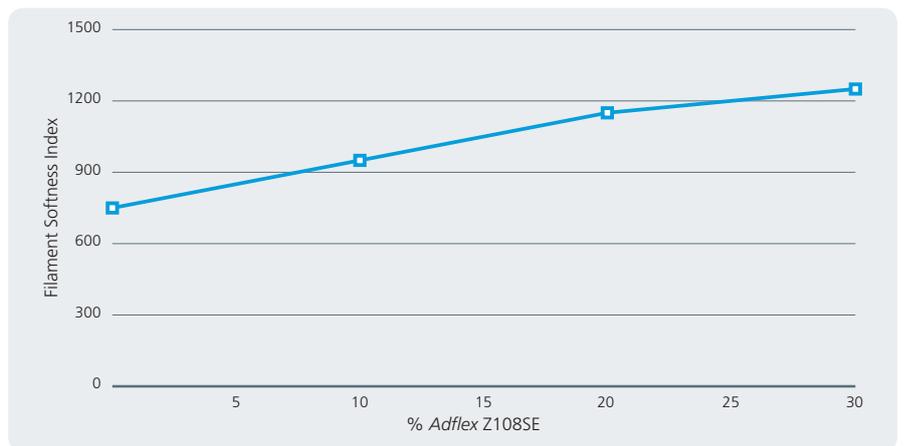
LyondellBasell has added a new reactor-made thermoplastic polyolefin (TPO) resin grade to its *Adflex* product family that adds a soft touch to all textile applications. *Adflex Z108SE* has a very low flexural modulus and excellent compatibility with polypropylene which allows the production of soft materials that also combine extreme flexibility with mechanical strength. Customers are adding *Adflex Z108SE* to its material mix to soften filaments and increasing comfort of textile fabrics. Dry-blends of *Adflex Z108SE* with polypropylene are spun using short and long spinning technologies as well as the spunbond process. Due to its lower melting point, the addition of *Adflex Z108SE* provides also a broader thermal bonding window.



### Benefits

- Super-soft to increase comfort
- Broad thermal bonding window
- Excellent compatibility with PP
- Fully recyclable
- Easy Processing

All LyondellBasell *Adflex* grades are characterized by its softness and flexibility. *Adflex* super-soft polyolefin resins are produced using LyondellBasell's proprietary *Catalloy* technology that combines the advantages of polyolefins with those of elastomers.



Properties	Method	Unit	Value
MFR	ISO 1133	g/10min	27g
MWD	x	x	Very narrow
Flexural Modulus	ISO 178	MPa	180

More information please visit [www.lyondellbasell.com](http://www.lyondellbasell.com)

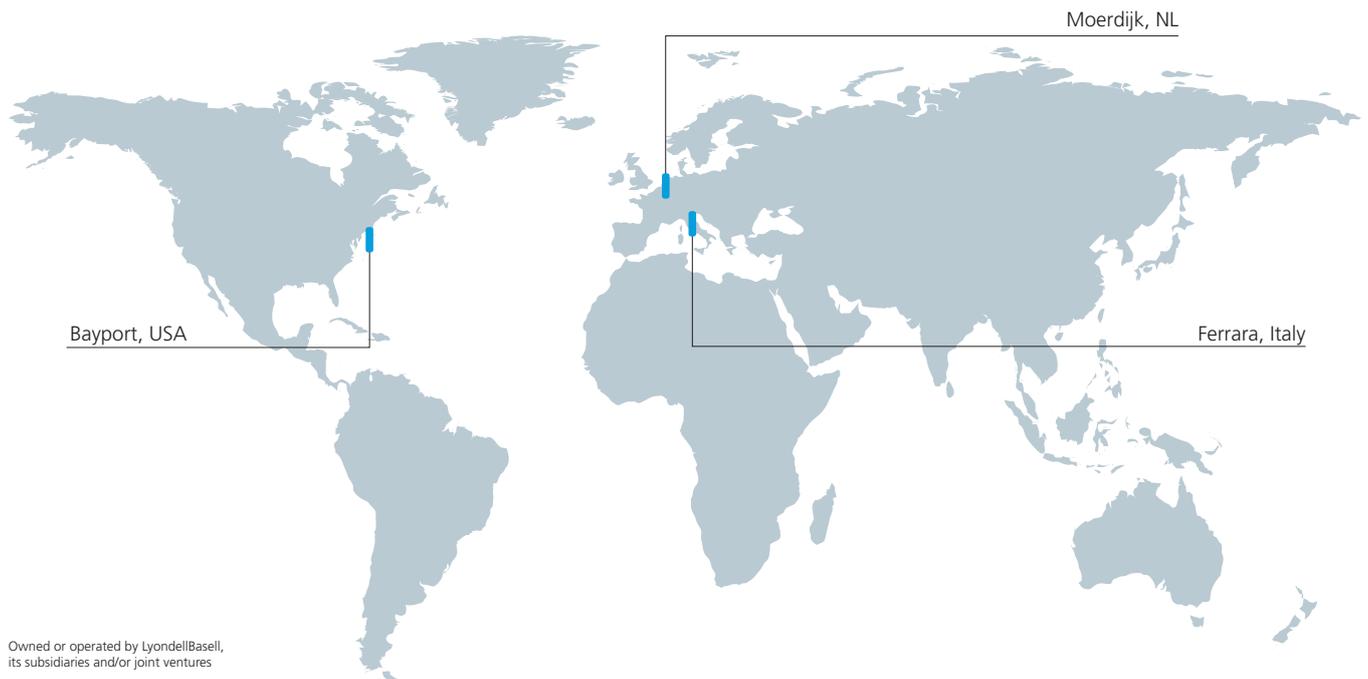
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# About LyondellBasell

LyondellBasell (NYSE: LYB) is one of the world's largest plastics, chemical and refining companies. The company manufactures products at 58 sites in 18 countries. LyondellBasell products and technologies are used to make items that improve the quality of life for people around the world including packaging, electronics, automotive components, home furnishings, construction materials and biofuels.

**More information about LyondellBasell can be found at [www.lyondellbasell.com](http://www.lyondellbasell.com)**

## Catalloy production locations



## About Catalloy

The *Hifax*, *Adflex*, *Softell* and *Adsyl* families of reactor-made polyolefins produced by LyondellBasell's proprietary *Catalloy* technology have become industry benchmarks. These grades offer optimum, well-balanced properties and performance characteristics. Unlike conventional TPOs that are merely mechanical blends of elastomers or plastomers in a polypropylene matrix, LyondellBasell TPO is an alloy of rubber and polypropylene produced simultaneously in the polymerization reactors. It creates an excellent dispersion of the rubber in the material, which has a direct effect on the processing consistency and end-use properties.

**Learn more about the wide range of market segments supplied with *Catalloy* resins by visiting [www.lyondellbasell.com](http://www.lyondellbasell.com)**