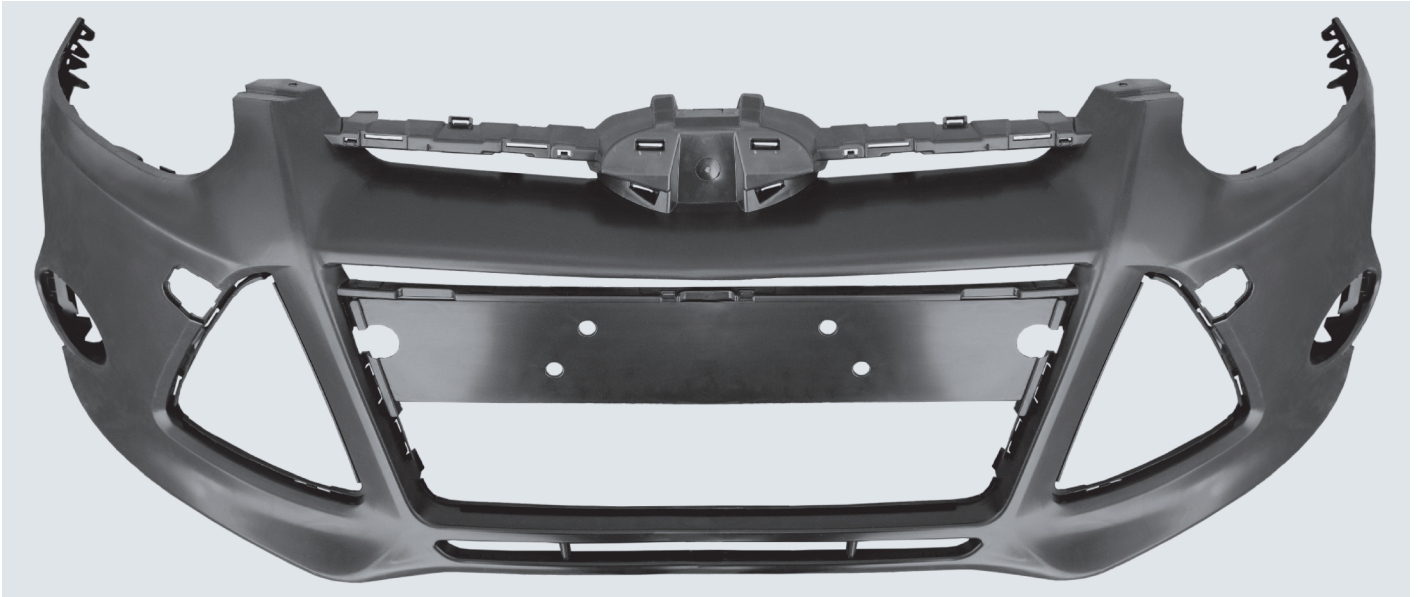


## Moplen EP3200

Polypropylene, Advanced HECO PP copolymer for compounding



Hifax X1956A is recognized as a benchmark for tiger stripes\* suppression; it is used in several compounds for automotive applications as building block.

Taking into account the MFR of this grade (0.8 gr/10') following the industry needs on high MFR and high performed compounds LyondellBasell team developed a new material - Moplen EP3200 which combines high MFR and excellent performance as anti-tiger stripe functional modifier. This resin opens new opportunities for the development of new high-end materials for advanced applications.

\*Flow Marks – Asynchronous “Tiger Stripes” – is a known defect during the injection molding of large parts process

### Product Benefits

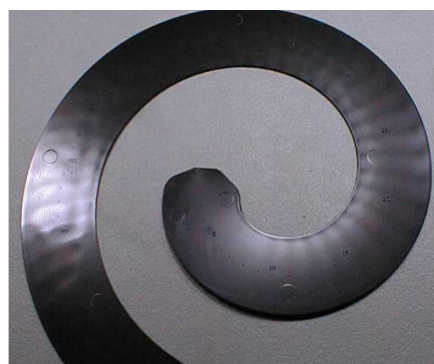
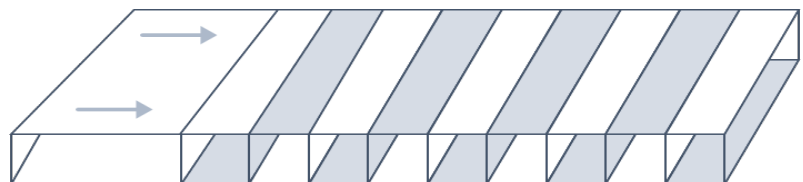
- Good flowability
- Maintains the impact/stiffness balance of the compound
- Improves drastically the aesthetic of the molded part. The improvement is already visible from at 10% addition

### Typical Applications

- Effective tiger stripe suppressor for polypropylene compounds

### Resin properties

Physical properties	Method	U.o.m.	Hifax X1956A	Moplen EP3200
Melt Flow Rate (230 °C/2.16 kg)	ISO 1113	g/10 min	0.9	9
Density	ISO 1183	g/cm <sup>3</sup>	0.89	0.89
Mechanical				
Tensile Modulus	ISO 527-1, -2	MPa	800	800
Impact Properties				
Charpy @ 23 °C	ISO 179	KJ/m <sup>2</sup>	95	25
Charpy @ -20 °C	ISO 179	KJ/m <sup>2</sup>	10	5



# ABOUT US

As a leader in the global chemical industry, LyondellBasell strives every day to be the safest, best operated and most valued company in our industry. The company's products, materials and technologies are advancing sustainable solutions for food safety, access to clean water, healthcare and fuel efficiency in more than 100 international markets. LyondellBasell places high priority on diversity, equity and inclusion and is *Advancing Good* with an emphasis on our planet, the communities where we operate and our future workforce. The company takes great pride in its world-class technology and customer focus. LyondellBasell has stepped up its circularity and climate ambitions and actions to address the global challenges of plastic waste and decarbonization. For more information, please visit [www.lyondellbasell.com](http://www.lyondellbasell.com) or follow [@LyondellBasell](https://www.linkedin.com/company/lyondellbasell) on LinkedIn.

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