

## Linear Low Density Polyethylene HF0131XP

### Description:

The HF0131XP is a linear low density polyethylene that shows an excellent processability and mate finish.

### Additive:

Antioxidants  
Lubricant

### Applications:

Hamburger bags.

### Process:

Blown Film Extrusion.

### Control Properties:

	ASTM Method	Unit	Value
Melt Flow Rate (190°C/21.6Kg)	D 1238	g/10 min	10,5
Density	D 1505	g/cm <sup>3</sup>	0.937

### Properties:

Blown Film Properties<sup>a</sup>

	ASTM Method	Unit	Value
Dart Drop Impact	D 1709	g/F50	-
Elmendorf Tear Strength (MD/TD)	D 1922	gF	5/960

(a) 20 µm thickness film, processed in a 40mm screw diameter extruder with blow up ratio of 4:1. (MD: Machine Direction; TD: Transversal Direction).

### Recommended Processing Conditions:

#### Blown Film Extrusion

-Temperature Profile: 180 to 210°C

### Final Remarks:

- Accordingly to ASTM terminology, it is a Medium Density Polyethylene (MDPE). Under Mercosul Common Nomenclature (NCM) fiscal definition, this resin is a Linear Low Density Polyethylene (LLDPE).
- This resin meets the requirements for olefin polymers as defined in 21 CFR, section 177.1520 issued by FDA – Food and Drug Administration in force on the date of publication of this specification. The additives present are covered in appropriate regulation by FDA.
- These information reflect typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
- In some applications, Braskem has developed tailor-made resins to reach specific requirements.
- In case of doubt regarding utilization, or for other applications, please contact our Application Engineering.
- For information about safety, handling, individual protection, first aids and waste disposal, please see MSDS. CAS Registry number: 25213-02-9.
- The mentioned values in this report can be changed at any moment without Braskem previous communication.
- Braskem does not recommend this grade for packages, parts or any kind of product manufacture that will be used for storage or contact with solution that will have internal contact with human body.
- The content of this Data Sheet replaces previous revisions published for this product.
- This resin does not contain the substance Bisphenol A (BPA, CAS # No. 80-05-7) in its composition.

