

AN PHAT INTERNATIONAL, INC

DATASHEET: LDPE L423FA

Applications:
Cast Film
High Clarity Film
Laundry Film
Produce Bags
Profile Extrusion
Zipper Bag

- **LDPE L423FA** is a low density polyethylene offering good balance of optical properties and draw down characteristics. **L423FA** is formulated with slip and antiblock for use in applications offering excellent extrusion processing and good optical properties.

ASTM & ISO Properties ¹		
Physical	Nominal Value Unit	Test Method
Density	0.923 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0 g/10 min	ASTM D1238
Films	Nominal Value Unit	Test Method
Secant Modulus - 1% Secant, MD	25000 psi	ASTM D882
Secant Modulus - 1% Secant, TD	30000 psi	ASTM D882
Tensile Strength - MD (Yield)	1500 psi	ASTM D882
Tensile Strength - TD (Yield)	1400 psi	ASTM D882
Tensile Elongation - MD (Break)	180 %	ASTM D882
Tensile Elongation - TD (Break)	490 %	ASTM D882
Dart Drop Impact	70 g	ASTM D1709
Elmendorf Tear Strength - MD	290 g	ASTM D1922
Elmendorf Tear Strength - TD	110 g	ASTM D1922
Optical	Nominal Value Unit	Test Method
Gloss (45°)	71	ASTM D2457
Haze	5.20 %	ASTM D1003

Notes

¹Typical properties: these are not to be construed as specifications.



AN PHAT INTERNATIONAL, INC.

Address: 10701 Corporate Drive, Suite 268, Stafford TX 77477

Phone: +1(346) 350-5230 | Fax: +1(346) 245-8066 | Website: anphatinternational.com

Storage and Handling:

LDPE L423FA should be stored to prevent a direct exposure to sunlight and/or heat. The storage area should also be dry and preferably don't exceed 50°C. An Phat international, Inc would not give warranty to bad storage conditions which may lead to quality deterioration such as color change, bad smell and inadequate product performance. It is advisable to process **LDPE L423FA** within 12 months after delivery.

An Phat International, Inc

Website: <https://www.anphatinternational.com/>

Phone No.: +1 346 350 5230

Email: apa@anphatholdings.com

NOTICE: *The information and data contained herein are believed to be correct and given in good faith, but because of the many particular factors which are outside our knowledge and control and affect the use of product, no warranty is given or is to be implied with respect to such information, nor do we offer any immunity against infringement.*