

Technical Data Sheet

Lotrène® Q2018 Series

Linear Low Density Polyethylene (LLDPE)

Description and Use:

Lotrène® Q2018 Series are Linear Low Density Polyethylene resins produced in a gas phase reactor using butene (C4) co-monomer.

They are designed for blown film applications and can be used in pure form as well as blended with other PE resins, such as LDPE or HDPE and mPE resins for mono extrusion or co-extrusion process to modify film properties.

Lotrène® Q2018 Series are suited for many applications in the field of consumer, industrial, food or hygiene packaging such as freezer film, bread bags, shoppers and bags as well as lamination film and multilayer packaging film.

Additive Package:

Product	Slip (Erucamide) (ppm)	Antiblock (ppm)	Thermal Stabilizers
Q2018N	no	no	Yes
Q2018H	1500	3200	Yes

Values indicated are target values. Actual values might differ from batch to batch.

PROPERTIES:

POLYMER PROPERTIES	VALUE	UNIT	TEST METHOD
Density @ 23 °C *	0.918	g/cm3	ASTM D-792
Melt Flow Index (190 °C /2.16 kg)	2.0	g/10 min.	ASTM D-1238
Crystalline Melting Point	121	°C	Internal
Vicat Softening Point	100	°C	ASTM D-1525 (A120)

Density and MFI are routinely measured during the standard quality control procedure. Other figures are given for information only. This data is not intended for specification purposes.

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