

TECHNICAL DATASHEET

LLDPE Q6318

PRODUCT DESCRIPTION

Q6318 is a hexene LLDPE designed for cast film extrusion. This resin contains stabilization ideal for the cast extrusion process.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
Melt Index (190°C at 2.16 kg)	3.5	g/10 min.	ASTM D1238
Density (Base Formulation)	0.918	g/cm ³	ASTM D1505
Dart Impact	95	g	ASTM D1709
Haze (Base Formulation)	1.5	%	ASTM D1003
Elmendorf Tear Resistance MD	300	gf	ASTM D1922
Elmendorf Tear Resistance TD	700	gf	ASTM D1922
Tensile Strength at Break MD	7300	psi	ASTM D882
Tensile Strength at Break TD	4900	psi	ASTM D882
Elongation at Break MD	500	%	ASTM D882
Elongation at Break TD	850	%	ASTM D882
Secant Modulus at 1% MD	20000	Psi	ASTM D882
Secant Modulus at 1% TD	22000	Psi	ASTM D882

Properties: Unless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity

PROCESSING METHOD

Cast melt temperatures of 500°F-540°F are recommended for Q6318.

APPLICATIONS

Cast film extrusion
Cast stretch film

REGULATORY COMPLIANCE

This product has some 21 CFR clearances. Please contact your Qualitene Sales Representative for food contact statements.

LINEAR LOW DENSITY
POLYETHYLENE
Q6318