

TECHNICAL DATASHEET

LDPE QFL040A

PRODUCT DESCRIPTION

Clarity LDPE Resin with 900 ppm Slip and 1200 ppm Antiblock

QFL040A is a low-density polyethylene offering good balance of optical properties and draw down characteristics. QFL040A is formulated with slip and antiblock for use in applications offering excellent extrusion processing and good optical properties.

NOMINAL PHYSICAL PROPERTIES:

PROPERTIES	TEST METHOD	UNIT	VALUE
Density	D1505	g/cc	0.923
Melt Index, Condition E, 190°C/2.16 kg	D1238	g/10 min	4.0
Dart Impact	D1709	g	70
Elmendorf Tear Strength, MD	D1922	g	290
Elmendorf Tear Strength, TD	D1922	g	110
Tensile Strength at Yield, MD	D882	psi	1500
Tensile Strength at Yield, TD	D882	psi	1400
Tensile Strength at Break, MD	D882	psi	3300
Tensile Strength at Break, TD	D882	psi	2200
Elongation at Break, MD	D882	%	180
Elongation at Break, TD	D882	%	490
Secant Modulus @ 1%, MD	D882	psi	25000
Secant Modulus @ 1%, TD	D882	psi	30000
Gloss (45°)	D2457		71
Haze	D1003	%	5.2

SUGGESTED APPLICATIONS:

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

NOTE:

Film properties based on 1.18 mil (30 micron) thick film using a 7.9 in (200 mm) blown film line with a 2.5:1 blow-up ratio, a melt temperature of 356 - 375°F (180 - 190°C), a 39.4 mil (1.0 mm) die gap. Actual film properties may vary based on extrusion equipment, operating conditions and additive package. Film properties are not intended to be used as specifications.

LDPE
LOW DENSITY
POLYETHYLENE
QFL040A