

## TECHNICAL DATASHEET

# LDPE QWL006

### PRODUCT DESCRIPTION

**QWL006** is a fractional melt LDPE with excellent toughness. It is suggested in heavy duty films and shipping sacks, and in industrial shrink applications. It can also be used as a bubble stabilizer in LLDPE rich films.

### TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
Melt Index (190°C at 2.16 kg)	0.60	g/10 min.	ASTM D1238
Density (Base Formulation)	0.919	g/cm <sup>3</sup>	ASTM D1505
Dart Impact	130	g	ASTM D1709
Tensile Strength at Break MD	3700	psi	ASTM D882
Tensile Strength at Break TD	2900	psi	ASTM D882
Elongation at Break MD	280	%	ASTM D882
Elongation at Break TD	740	%	ASTM D882
Secant Modulus at 1% MD	29000	Psi	ASTM D882
Secant Modulus at 1% TD	34500	Psi	ASTM D882

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

### NOTE

Test specimens for blown film: nominal thickness 2.0 mils; blow up ratio 2.5:1, die gap 35 mils.

### PROCESSING METHOD

Melt temperatures of 360°F – 400°F are recommended for QWL006 with blow-up ratios of 1.5:1 or higher.

### APPLICATIONS

Heavy duty refuse bags & liners  
Industrial shrink film  
Bundling and case-wrap

### REGULATORY COMPLIANCE

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

LOW DENSITY  
POLYETHYLENE  
QWL006