

## TECHNICAL DATASHEET

# LLDPE Q6118N

### PRODUCT DESCRIPTION

**Q6118N** is a hexene LLDPE resin designed for blown film application require excellent drawdown & toughness. Film made from Q6118N resins exhibit good mechanical & toughness properties. The resin does not contain slip and anti-block additive.

### KEY CHARACTERISTICS

Highly Potential for Downgauging      Excellent Heat Seal Strength      Excellent Low Temperature Resistance

### TYPICAL PROPERTY VALUES

PHYSICAL	TYPICAL VALUES	UNITS	TEST METHODS
<b>RESIN PROPERTIES</b>			
Density / Specific Gravity	0.918	g/cm <sup>3</sup>	ASTM D1505
Melt Index (190°C at 2.16 kg)	1.0	g/10 min.	ASTM D1238
<b>FILM PROPERTIES</b>			
Tensile Strength at Break MD	5500	psi	ASTM D882
Tensile Strength at Break TD	5000	psi	ASTM D882
Tensile Elongation at Break MD	500	%	ASTM D882
Tensile Elongation at Break TD	600	%	ASTM D882
Elmendorf Tear Strength MD	325	g	ASTM D1922
Elmendorf Tear Strength TD	650	g	ASTM D1922
Dart drop impact strength	200	g	ASTM D1709
Secant Modulus at 1% MD	29000	Psi	ASTM D882
Secant Modulus at 1% TD	32500	Psi	ASTM D882

### PROCESSING METHOD

Extrusion Blown Film

### APPLICATIONS

Heavy duty shipping sack, Industrial liners  
Stretch wrap, Trash bags

### NOTE

Film properties are not intended to be used as specifications.

LLDPE  
LINEAR LOW DENSITY  
POLYETHYLENE  
Q6118N