

TECHNICAL DATASHEET

LLDPE Q6118A

PRODUCT DESCRIPTION

Q6118A is a hexene LLDPE resin designed for blown film application require excellent drawdown & toughness. Film made from Q6118A resins exhibit good mechanical & toughness properties. The resin contains 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
RESIN PROPERTIES			
Density / Specific Gravity	0.918	g/cm ³	ASTM D1505
Melt Index (190°C at 2.16 kg)	1.0	g/10 min.	ASTM D1238
FILM PROPERTIES			
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
Q6118A