

## Quimtec LFF.25918NH

LFF.25918NH is a series of resins designed for heavy duty film applications. Superior puncture resistance combined with excellent impact properties make this resin an ideal choice for bags used to package fertilizer, peat moss, decorative stone and agricultural and construction materials.

<i><b>Properties *</b></i>	<i><b>Value</b></i>	<i><b>Units</b></i>	<i><b>ASTM Test Method</b></i>
Melt Index	0.25	g/10 min	D 1238
Density	0.918	g/cm <sup>3</sup>	D 1505
Vicat Softening Point	90	°C	D 1525
<i><b>Film**</b></i>			
Dart Drop Impact Strength, F <sub>50</sub>	220	g	D 1709
Tensile Strength, MD (TD)	3,000 (2,800)	psi	D 882
Elongation, MD (TD)	300 (500)	%	D 882
1% Secant Modulus, MD (TD)	24,000 (27,000)	psi	D 882
Elmendorf tear Strength, MD (TD)	220 (200)	g	D 1922
<i><b>Molding</b></i>			
Low Temperature Brittleness, F <sub>50</sub>	<-76	°C	D 746
Tensile Strength @ Break	2,100	psi	D 638
Elongation @ Break	>600	%	D 638
Flexural Modulus	34,000	psi	D 790
Hardness, Shore D	50		D 2240
Slip	None		
Antiblock	High		

\* These are typical values and are not to be construed as specific product limits.

\* Data obtained from film produced in a 3½" (89 mm) blown film line, commercially available 8" (203 mm) die, 430°F (221°C) melt extrusion temperature, .2:1 BUR, .2 mil (51 micron) gauge 0.025" die gap at 1b/hr.

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