

## TECHNICAL DATA SHEET

### EcoRelene™

#### **ECO LL2NAT** RECYCLED LINEAR LOW DENSITY POLYETHYLENE GENERAL PURPOSE FILM GRADE

Eco LL2NAT is Natural Appearance post-consumer recycled LLDPE resin grade available in pellet form. Suitable for manufacturing general purpose films.

#### Typical Characteristics:

Property	Test Method	Unit	Typical Value*
Melt Flow Rate (190°C/5 kg)	ASTM D1238	g/10 min	0.7 – 2.0
Density	ASTM D792	g/cc	0.92 – 0.95
Moisture	ASTM D6980	%	<2000 ppm
Tensile Strength at Break** (MD/TD)	ASTM D882	MPa	>15 / >15
Elongation at Break** (MD/TD)	ASTM D882	%	>200 / >300
Ash Content (550°C)	ASTM D5630	%	<3

\* Typical values not to be taken as specification

\*\* Mechanical Properties are of 40 µm film made with 1.8 mm die gap & 2.5 BUR

#### Applications:

For use as a Post Consumer Recycled resin for mixing with virgin LDPE or LLDPE grade resin. Recommended for making liner, courier bags, and secondary packaging films.

#### Typical Process Conditions:

Extrusion / Die temperatures: 190 – 230°C

Note: Processing parameters mentioned above are for reference only and not to be considered as specifications. They may vary based on the product to be manufactured.