

## TECHNICAL DATA SHEET

### EcoRelene™

#### ECO LD2NAT

#### RECYCLED LOW DENSITY POLYETHYLENE GENERAL PURPOSE FILM GRADE

Eco LD2NAT is Natural Appearance post-consumer recycled LDPE 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	>20/>20
Elongation at Break** (MD/TD)	ASTM D882	%	>300 / >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, recommended for mixing with virgin grade LDPE or LLDPE resin. Recommended for making liner, shrink film, courier bags, secondary packaging.

#### 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.