

Verdant LDA310C

Product Description

Metallocene LLDPE (mLLDPE) enhanced recycled LDPE. This product contains also a circular economy enhancer package that offsets brownish shade of recycled polyethylene and minimizes gel formation.

Features: superior dart drop impact and tear resistance. Downgauging potential. 90% Recycled content. Natural color.

Applications

Heavy duty sacks (HDSS), bags, liners, protective films, stretch hood, agricultural films and other high performance films.

Properties	Method		Unit	Nominal Value
MFR (190°C, 2,16kg)	UNE EN ISO 1133		g / 10min	0,2 – 0,7
Density	UNE EN ISO 1183-1		g / cm ³	0,92 – 0,93
Moisture	EN 12099		%	0,06
Polymer Content	UNE EN ISO 3451-1		%	97
Filtration	Mesh Size		µm	90
Particle Shape	Visual Inspection			Lentil-shape Pellet
Tensile Strength, Break	UNE EN ISO 527-1	MD	MPa	13
		TD	MPa	13
Tensile Elongation, Break	UNE EN ISO 527-3	MD	%	375
		TD	%	430
Elmendorf Tear Strength	UNE EN ISO 6383-2	MD	N	2,4
		TD	N	2,9
Dart Drop Impact Strength	UNE EN ISO 7765-1		g	165

The technical information on film properties is based on blown film 33µm thickness and all data information herein refers to typical values. Since conditions of product use is outside our control, we make no warranties and assume no liability in connection with any use of this information.