

AuroraGuard™ LDPE

Aurora Material Solutions, LLC - Low Density Polyethylene + PA

General Information

Product Description

Natural LDPE + Nylon Alloy from 100% Post-Industrial Recycle

Formerly known as EnLene LDPE

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Recycled Content	• Post-Industrial (PIR)/Pre-Consumer, 100%		
Features	• Low Density	• Recyclable Material	
Uses	• Industrial Applications	• Toys	
Appearance	• Natural Color		
Processing Method	• Extrusion	• Injection Molding	

Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.920		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.30	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	2000	psi	ASTM D638
Flexural Modulus	25000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	No Break		ASTM D256

Notes

¹ Typical properties: these are not to be construed as specifications.

