

AuroraGuard™ LDPE04

Aurora Material Solutions, LLC - Low Density Polyethylene + PA

General Information

Product Description

Mixed color LDPE + Nylon alloy from 100% Post industrial recycle

Formerly known as GEP LDPE04

General

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.920		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	2000	psi	ASTM D638
Tensile Strength (Break)	7830	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.

