

GEP LDPE04



Product Description

LDPE + Nylon

Special Characteristics

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

General Properties

Appearance	Mixed Color Pellet
Processing Methods	Injection Molding
Applications	Industrial applications, small toys

Mechanical Properties	Test Method	English Units		S.I. Units	
Tensile Strength @ Yield	ASTM D638	2,000	psi	14	MPa
Tensile Strength @ Break	ASTM D638	7,830	psi	54	MPa
Flexural Modulus	ASTM D790	25,000	psi	172	MPa
Notched Izod Impact (73°F)	ASTM D256	no break	ft-lb/in	no break	J/m

Physical Properties	Test Method	English Units		S.I. Units	
Specific Gravity	ASTM D792	0.92	sp gr	0.92	sp gr
Melt Flow	ASTM D1238	4.0	g/10min	4.0	g/10min

These Data Sheet Values are Typical Values and are not intended for specification purposes. These values should only be used as a guide and no assurances by EnCom, Inc. can be granted that all molded articles will exhibit duplicate properties as those listed above. Each material user should perform their own testing for suitability.

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