

Centro Plastica CiPiTENE® Recycled High Density Polyethylene Granules

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Polyethylene (PE) , HDPE

Material Notes:

Bottle Grade. Source: Italian post-consumer plastic bottles coming from collection of municipal waste and selected by PE/PP matrix.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Centro-Plastica-CiPiTENE-Recycled-High-Density-Polyethylene-Granules.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in ³	ASTM D792
Melt Flow	0.20 - 0.30 g/10 min @Load 2.16 kg, Temperature 190 °C	0.20 - 0.30 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Elongation at Break	>= 400 %	>= 400 %	ASTM D638
Flexural Modulus	>= 0.900 GPa	>= 131 ksi	ASTM D790
Tensile Creep Modulus, 1 hour	>= 1000 MPa	>= 145000 psi	ASTM D638

Descriptive Properties	Value	Comments
Color	light green	

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