

Global GG-3245 High Density Polyethylene, Blow Molding Grade

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Blow Molding Grade

Material Notes:

Description-opacity, medium high stiffness, good impact strength, good chemical resistanceApplications- auto parts, bottles, housewares, drums, containers, bottlesInformation provided by Global Polymers Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Global-GG-3245-High-Density-Polyethylene-Blow-Molding-Grade.php

| Physical Properties | Metric | English | Comments |
|---------------------|---|---|-------------------------|
| Density | 0.945 g/cc | 0.0341 lb/in ³ | ASTM D792 |
| Melt Flow | 0.10 g/10 min @Load 2.16 kg, Temperature 190 °C | 0.10 g/10 min @Load 4.76 lb, Temperature 374 °F | Condition E; ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|----------------------------|----------|----------|-----------|
| Tensile Strength, Ultimate | 37.0 MPa | 5370 psi | ASTM D638 |
| Tensile Strength, Yield | 23.0 MPa | 3340 psi | ASTM D638 |
| Elongation at Break | 1600 % | 1600 % | ASTM D638 |

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