



## MATERIAL DIFFERENCE TECHNOLOGIES, LLC

1401 Manatee Ave West  
Suite 1015  
Bradenton, FL 34205

### Material Specification Sheet

#### Product Name

PureOlene 4010

Suitable For Use in Food Contact Articles Per US Food & Drug Administration

Test Item	Method	Units	Range	Tested Values
MFI	ASTM D1238	g/10Min230°C 2.16kg	33 - 50	40
Izod	ASTM D256	ft lb / in	0.8 - 1.6	1.0
Tensile	ASTM D638	psi	3,600 - 4,400	3,900
Flex	ASTM D790	psi	130,000 - 200,000	150,000

*Nikki Horvath*

Nikki Horvath, QA/QC Manager

All test procedures were conducted at 71-77 F unless noted, however no additional attempt was made to control relative humidity. Test specimens prepared by ASTM D-3641 from pellets; Test Method not in ISO 17025 scope. Material Difference Technologies is not ISO compliant. Material Difference Technologies does not guarantee reproduction of these results. This is not a Certificate of Analysis and the customer is responsible for testing and confirming the material properties before making commercial use of the product to ensure that the product is fit for the intended application and that the product can be used, and any waste material disposed of, safely, properly, and legally based on the customer's or other's circumstances. Determination of the suitability and fitness of the product for any application is sole responsibility of the purchaser of the product. This information is solely intended for the informational purposes. This material confirmation relates solely to the product listed above and not as incorporated in any product or used in any process. Material Difference Technologies makes no warranty or representation of any kind, regarding the information given or the products described, and expressly disclaims all implied warranties and conditions of quality, merchantability and suitability or fitness for a particular purpose. The customer or other user of the product assumes all risk and liability arising out of the product, whether used alone or in combination with other materials. The presence absence or lack of information herein with the respect to any international, national, federal, state, or local law, statute, regulation, order or rule should not be construed to mean that product is regulated under, complies with or is exempt from such international, national, federal state or local law, state, regulation, order or rule.