



**3.5 Melt**  
Eco-Friendly  
Product



ECO INDUSTRIAL is a recycled product designed for large parts that require stucture.

It provides durability and low warpage while helping reduce plastic waste.



UV8  
Stabilized



Recycled  
Product

**Find More  
Information**






[www.rotopolymers.com](http://www.rotopolymers.com)  
+ 1 216 591 0175  
[info@rotopolymers.com](mailto:info@rotopolymers.com)

# ECO INDUSTRIAL

## METHOD<sup>2</sup>

## VALUE

DENSITY	D1505 Reference MA-01 Own Method	0.938 g/cm <sup>3</sup>
MELT INDEX @190°C/2.16 kg	ASTM D1238	3.5 g/10 min
FLEXURAL MODULUS <sup>1</sup> 1% Secant	ASTM D790	100,000 psi (689.5 MPa)
TENSILE STRENGTH AT YIELD <sup>1</sup> @ 50mm/min	ASTM D638	2,500 psi (17.2 MPa)
ELONGATION AT BREAK <sup>1</sup>	ASTM D638	> 625 %
LOW TEMPERATURE IMPACT @ -40°C <sup>1</sup>	ARM 1/8" specimen	54 ft/lb (73.0 J)
DEFLECTION TEMPERATURE UNDER LOAD <sup>1</sup> 66 psi (0.45 Mpa) 264 psi (1.8 Mpa)	ASTM D648	141.6 °F (60.9 °C) 93.6 °F (34.2 °C)
ESCR <sup>2</sup> CONDITION A 10% Igepal 50°F F50	ASTM D1693	430 hr

-  <sup>1</sup> Rotational Molded
-  <sup>2</sup> Test methods may be modified to accommodate conditions or laboratory limitations
-  <sup>3</sup> Test equipment upper limit for elongation is 600%

The following are typical properties and are not to be construed as specifications.

User is advised to make its own determination of this product's suitability for its intended use.

Roto Polymers makes no warranty expressed or implied regarding the suitability of this product in application.

[www.rotopolymers.com](http://www.rotopolymers.com)  
+ 1 216 591 0175  
[info@rotopolymers.com](mailto:info@rotopolymers.com)