

Nodax® 2513 PHA Profile Extrusion Resin



Nodax® 2513 resin is PHA based resin designed for extrusion applications and is produced using Danimer’s proprietary reactive extrusion process. The resin is suitable for a range of profile extrusion applications, such as drinking straws. Nodax® 2513 is designed to meet the TUV standards for compostability and biodegradation.

- Profile Extrusion
- Drinking Straws

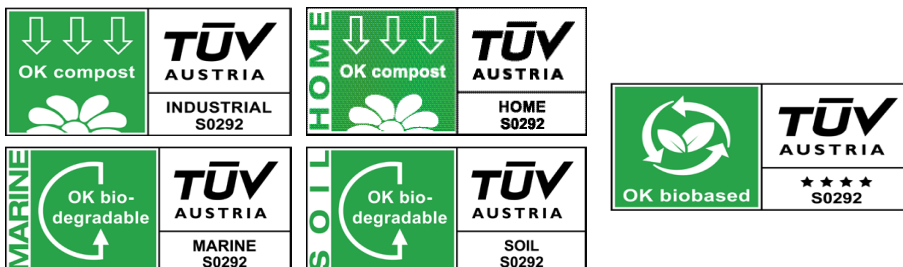
MATERIAL PROPERTIES

Property	PSI	MPa
Tensile Yield Strength (ASTM D-638)	3,900 (50)	26.9 (0.3)
Tensile Break Strength (ASTM D-638)	3,200 (120)	22.1 (0.8)
Tensile Modulus (ASTM D-638)	61,000 (900)	420 (6.2)
Break Elongation (ASTM D-638)	11 % (0.3)	
Melt Flow Rate (ASTM D-1238)	3-5 g/10 min (175 C, 2.16 kg)	
HDT Temperature at 0.455 MPa (°C)	101 (9)	
HDT Temperature at 1.8 MPa (°C)	59 (1)	

Material properties measured on injection molded samples. Standard deviation is indicated in parentheses. These values are to be considered as typical values and are not to be construed as specifications.

CERTIFICATIONS & REGULATORY STATUS

Certifications apply to the resin only. Customer required to certify their own parts to make claims about renewability and biodegradability. For more information on certifications and regulatory status, please contact us at regulatory@danimer.



The values listed have been established on standardized test specimens at standard temperature and humidity conditions. The figures should be regarded as guide values only. Danimer Scientific has no control over how this material is processed and used by its customers, and therefore does not offer a guarantee, either expressed or implied, that the same results described within this property guide will be obtained. Customers must undertake their own determination of this product’s suitability and completeness for their own use, for the protection of the environment, for the health and safety of their employees and purchasers of their products. Danimer Scientific assumes no obligation or liability for the information in this document. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE ARE EXPRESSLY EXCLUDED.