danimer scientific
A Biotechnology Company

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.

OK compost — TÜV AUSTRIA — INDUSTRIAL S0292

HOME — OK compost — TÜV AUSTRIA — HOME S0292

MARINE — OK bio-degradable — TÜV AUSTRIA — MARINE S0292

SOIL — OK bio-degradable — TÜV AUSTRIA — SOIL S0292

OK biobased — TÜV AUSTRIA — ★★★★ S0292

nodax®