

# Ultrasim® 3D Sustainability Analysis (LCA) - BETA

Starter	
Material LCA	
	✓
<b>What 3D printing materials:</b>	<ul style="list-style-type: none"> <li>• Ultrasint® TPU 01 and 88A</li> <li>• Ultrasint® PP 1400</li> <li>• Ultrasint® PA11 and PA11 Black</li> </ul>
	<ul style="list-style-type: none"> <li>• Ultrafuse® PLA – under review (3Q 23)</li> <li>• Ultrafuse® ABS – under review (3Q 23)</li> <li>• Ultrafuse® PET – under review (3Q 23)</li> <li>• Ultrafuse® rPET – under review (3Q 23)</li> </ul>
<b>What 3D printing machines:</b>	
<b>Get your Add-on:</b>	
<b>What we need from you:</b>	
<b>Price:</b>	<b>Free of Charge</b>
<b>Lead time:</b>	<b>14 days</b>

Premium	
Part LCA Service (CO2)	
	✓
	✓
<b>What 3D printing materials:</b>	<ul style="list-style-type: none"> <li>• Ultrasint® TPU 01</li> <li>• Ultrasint® TPU 88A (coming soon)</li> <li>• Ultrasint® PP 1400 (coming soon)</li> <li>• Ultrasint® PA11 and PA11 Black (coming soon)</li> </ul>
	<ul style="list-style-type: none"> <li>• Ultrafuse® PLA – under review (3Q 23)</li> <li>• Ultrafuse® ABS – under review (3Q 23)</li> <li>• Ultrafuse® PET – under review (3Q 23)</li> <li>• Ultrafuse® rPET – under review (3Q 23)</li> </ul>
<b>What 3D printing machines:</b>	<ul style="list-style-type: none"> <li>• HP JF 52XX</li> <li>• SLS printers (coming soon)</li> </ul>
	<ul style="list-style-type: none"> <li>• Ultimaker S5</li> <li>• FFF printers (extension possible)</li> </ul>
<b>Get your Add-on:</b>	<ul style="list-style-type: none"> <li>• Extended LCA with all 16 impact categories</li> <li>• Ultrasim® 3D Cost Analysis (TCO)</li> <li>• Comparison to conventional manufacturing</li> <li>• Carbon Footprint compensation</li> </ul>
<b>What we need from you:</b>	<ul style="list-style-type: none"> <li>• STL-file of your part</li> <li>• Input report (production setup)</li> </ul>
<b>Price:</b>	<b>Starting at 3.500 €</b>
<b>Lead time:</b>	<b>On request</b>

Enterprise	
Become a Partner	
	✓
	✓
	✓
	✓
<b>What 3D printing materials:</b>	BASF Forward AM Materials
<b>What 3D printing machines:</b>	Your printer
<b>Get your Add-on:</b>	
<b>What we need from you:</b>	<ul style="list-style-type: none"> <li>• 1 hour of your time to understand your problem and derive a solution concept</li> </ul>
<b>Price:</b>	<b>On request</b>
<b>Lead time:</b>	<b>On request</b>

<b>What you get:</b>
<ul style="list-style-type: none"> <li>• LCA material onepager</li> <li>• CO2 footprint report of 3D printed part</li> <li>• Add your printer</li> <li>• Implement LCA data to your software</li> </ul>
<b>What 3D printing materials:</b>
<ul style="list-style-type: none"> <li>• Ultrasint® Powder</li> </ul>
<ul style="list-style-type: none"> <li>• Ultrafuse® Filaments</li> </ul>
<b>What 3D printing machines:</b>
<ul style="list-style-type: none"> <li>• Ultrasint® Powder</li> <li>• Ultrafuse® Filaments</li> </ul>
<b>Get your Add-on:</b>
<b>What we need from you:</b>
<b>Price:</b>
<b>Lead time:</b>