

Simulation-Material-Availability

- Validated, available as Material Data Set*
 - Validated, available via Ultrasim Material Model
 - Preliminary
- * Can be on short notice be converted into a Ultrasim Material Model

		Available temperatures			Strain rate / loads		Print Orientation / Anisotropy
		Low	23°C	High	Quasi static (structural loads)	High speed (impact & crash)	
Ultrasint® Powders	TPU01	●	●	●	●	●	●
	PA 11 CF	●	●	●	●	●	●
	PP 1400 Black		●		●		
Ultracur3D® Resins	RG 35		●		●		●
	RG 1100		●		●		
	RG 1100 Black		●	●	●		
	RG 3280*		●	●	●		
	ST 45		●		●		
	ST 1400		●		●		
	EPD 2006		●		●	●	

*Mold-flow material card available [here](#)

➤ Any materials of our portfolio can be added on request.