

Open Specialty Materials for P3* powered by OpenAM™

Name	Material Supplier	Category	Description	Sample Applications	More Info
Somos* PerFORM HW	Stratasys	High Temperature	High stiffness, high temp, ceramic-filled resin (HDT 289°C Flex modulus 8,700 MPa)	High-temp injection molds	Stratasys
RG1100	BASF Forward AM	High Temperature	High temperature, rigid and fast-printing resin (HDT 116°C Flex modulus 2,880 MPa)	Molds or durable engineering parts	Forward AM
RG 3101 L	Evonik	Tough	Well-balanced resin with good stiffness, impact strength, and HDT (Izod 45 J/m Tg 105°C)	Buckles and rivets	Evonik 3D Printing
Strong-X	Liqcreate	Tough	High stiffness resin (Tg 128°C Flex modulus 3,500 Mpa)	Heavy duty components	Liqcreate
Formula One	Mechnano	ESD	Rigid resin with ESD properties (Surface resistivity of 10 ⁷ Ω)	Electrical housings, PCB carriers	Mechnano
Komitsudo Ceramic	Tethon3D	Ceramic	Rigid high temp ceramic-filled resin (Max temp 1,700°C)	Aerospace Thermal Shields	Tethon 3D
CAST 245	Arkema	Casting	High detail, burnout castable resin (Viscosity 80 cP Modulus 900 MPa)	Cast structural brackets	Arkema
FR4100L FR/FST	Evonik	Flame retardant	Tough, easy-to-print, and flame retardant (35 J/m impact strength)	Industrial machinery, aircraft cabin components	Evonik Industries
P3 Deflect 190 ESD	Henkel	ESD	High temperature, ESD-rated resin for high performance applications (HDT 190 °C 2% EaB)	JEDEC trays, solder fixtures	Stratasys
RG3280	BASF	High Temperature	Ceramic-filled resin with high temperature and stiffness (HDT > 280 °C)	Injection molds, high stiffness fixtures	Forward AM
P3 Stretch 80	BASF	Elastomer	Easy-to-print, Shore 80-85A elastomer for prototyping applications	Seals & gaskets, footwear, consumer components	Stratasys

* Open Material for P3 users can develop or print any DLP materials available to them. For more information on these materials, please contact material suppliers directly.

