

# Exploratory Materials\* for Origin Open Material License (OML)



Name	Material Supplier	Category	Description	Sample Applications	More Info
PerFORM HW	Covestro	High Temperature	High stiffness, high temp, ceramic-filled resin (HDT 289°C   Flex modulus 8,700 MPa)	High-temp injection molds	<a href="#">Covestro</a>
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	<a href="#">Forward AM</a>
COR Alpha	polySpectra	High Temperature	High temperature resin with good elongation (HDT 115°C   20% E@B)	Bearing and gear components	<a href="#">Polyspectra</a>
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	<a href="#">Evonik 3D Printing</a>
Strong-X	Liqcreate	Tough	High stiffness resin (Tg 128°C   Flex modulus 3,500 Mpa)	Heavy duty components	<a href="#">Liqcreate</a>
Formula One	Mechnano	Specialty	Rigid resin with ESD properties (Surface resistivity of 10 <sup>^7</sup> Ω)	Electrical housings, PCB carriers	<a href="#">Mechnano</a>
Komitsudo Ceramic	Tethon3D	Specialty	Rigid high temp ceramic-filled resin (Max temp 1,700°C)	Aerospace Thermal Shields	<a href="#">Tethon 3D</a>
CAST011	Arkema	Specialty	High detail, burnout castable resin (Viscosity 115 cP)	Cast structural brackets	<a href="#">Arkema DLP</a>

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

