


# EOS of North America, Inc. Material Pricing

Order Placement: [us.materialorders@eos-na.com](mailto:us.materialorders@eos-na.com) or via fax: (248) 306-0298

## EOS Materials Plastics

Detailed material information, including data sheets, can be found at [www.eos.info/material-p](http://www.eos.info/material-p)

Class	EOS Plastic Material	Properties	Price kg*	Article #
Polyamide 12	<b>PA 2200</b>	<ul style="list-style-type: none"> <li>Slightly whiter than PA 2201</li> <li>Biocompatible, withstands high mechanical/thermal load</li> <li>Natural color, withstands high mechanical/thermal load</li> <li>Certificates available for biocompatibility, food contact</li> </ul>	\$88	9012-0014
	<b>PrimePart® PLUS</b> PA 2221	<ul style="list-style-type: none"> <li>Light-beige, for dental models</li> <li>High dimensional accuracy</li> </ul>	\$119	9012-0072
	<b>PA 2105</b>	<ul style="list-style-type: none"> <li>Natural color, biocompatible</li> <li>Withstands high mechanical/thermal load</li> <li>Black pigmented throughout</li> <li>Withstands high mechanical/thermal load</li> </ul>	Call for details	—
	<b>PA 2201</b>	<ul style="list-style-type: none"> <li>Withstands high mechanical/thermal load</li> <li>Black pigmented throughout</li> <li>Withstands high mechanical/thermal load</li> </ul>	\$88	9012-0019
	<b>PA 2202 Black</b>	<ul style="list-style-type: none"> <li>Whitish, high-stiffness and wear resistance</li> </ul>	\$88	9012-0037
<b>Polyamide 12 Glass Bead Filled</b>	<b>PA 3200 GF</b>	<ul style="list-style-type: none"> <li>Whitish, high-stiffness and wear resistance</li> </ul>	\$70	9012-0017
<b>Polyamide 12 Aluminum Filled</b>	<b>Alumide®</b>	<ul style="list-style-type: none"> <li>Metallic grey, dimensionally accurate, machinable</li> <li>Increased thermal conductivity, high-stiffness</li> <li>Black, light-weight, extreme stiffness and strength</li> <li>Thermal and limited electrical conductivity</li> </ul>	\$62	9012-0029
<b>Polyamide 12 Carbon Fiber Reinforced</b>	<b>CarbonMide®</b>	<ul style="list-style-type: none"> <li>White</li> <li>Material certificates available for flammability</li> <li>White, halogen-free material</li> <li>Contains chemical flame retardant</li> <li>Natural color, from renewable sources</li> <li>High detail resolution, ductility, strength, strain</li> </ul>	\$143	9012-0043
<b>Polyamide 12 Flame Retardant</b>	<b>PrimePart® FR</b> PA 2241 FR	<ul style="list-style-type: none"> <li>White, soft material, flexible, springy airtight</li> <li>TPE-A Polyetheramide-Block-Copolymer</li> <li>Rubber flexibility (Shore D≈35) no infiltration needed</li> </ul>	\$110	9012-0077
	<b>PA 2210 FR</b>	<ul style="list-style-type: none"> <li>Grey, for lost patterns, minimal remaining ash content</li> <li>Polystyrene</li> </ul>	\$88	9012-0045
<b>Polyamide 11</b>	<b>PA 1101</b>	<ul style="list-style-type: none"> <li>White, soft material, flexible, springy airtight</li> <li>TPE-A Polyetheramide-Block-Copolymer</li> <li>Rubber flexibility (Shore D≈35) no infiltration needed</li> </ul>	\$88	9012-0091
<b>TPE-A Polyetheramide-Block-Copolymer</b>	<b>PrimePart® ST</b> "SoftTouch," PEBA 2301	<ul style="list-style-type: none"> <li>White, soft material, flexible, springy airtight</li> <li>TPE-A Polyetheramide-Block-Copolymer</li> <li>Rubber flexibility (Shore D≈35) no infiltration needed</li> </ul>	\$103	9012-0058
<b>Polystyrene</b>	<b>PrimeCast® 101</b>	<ul style="list-style-type: none"> <li>Grey, for lost patterns, minimal remaining ash content</li> <li>Polystyrene</li> </ul>	\$95	9012-0053
<b>Polyaryletherketone</b>	<b>EOS PEEK HP3</b>	<ul style="list-style-type: none"> <li>Beige-brown, excellent mechanical/thermal properties</li> <li>Flame retardant, biocompatible, can be sterilized</li> </ul>	Call for details	9012-0063
<b>Custom Plastics Materials</b>	<p>Advanced Laser Materials (ALM), part of EOS of North America, Inc., is the leading provider of high-performance polymers for the Additive Manufacturing industry, specializing in custom materials, a wide range of laser-sintering materials and support services.</p> 		<p>Advanced Laser Materials 3115 Lucius McCelvey Temple, Texas 76504 Ph: (254) 773-3080 <a href="http://www.alm-llc.com">www.alm-llc.com</a></p>	

## EOS Materials Metals

Detailed material information, including data sheets, can be found at [www.eos.info/material-m](http://www.eos.info/material-m)

**Applicable materials for EOS M 290**

Class	EOS Metal Material	Properties	Price kg**	Article #
<b>Aluminum</b>	<b>Aluminum ALSi10Mg</b> Silicon/magnesium	<ul style="list-style-type: none"> <li>Typical casting alloy, used for cast parts with thin walls and complex geometries</li> </ul>	\$152	9011-0024
<b>Bronzed-Based</b>	<b>DirectMetal 20</b> Bronze-based	<ul style="list-style-type: none"> <li>Proprietary material for EOSINT M 270 systems</li> <li>Used for injection molding, tooling, prototypes</li> </ul>	\$175	9011-0008
<b>Tooling Steel</b>	<b>MaragingSteel MS1</b> 18 Mar 300/1.2709 Steel	<ul style="list-style-type: none"> <li>Ultra-high strength steel, hardenable</li> <li>Used for injection molding, tooling, engineering</li> </ul>	\$193	9011-0016
<b>Stainless Steel</b>	<b>StainlessSteel 316L</b> 18Cr-14Ni-2.5Mo, UNS S31673	<ul style="list-style-type: none"> <li>Chemical composition corresponds to ASTM F138</li> <li>Corrosion resistant, high ductility</li> <li>Used for medical, consumer, aerospace applications</li> </ul>	\$180	9011-0032
	<b>StainlessSteel GPI</b> Stainless Steel 17-4/1.4542	<ul style="list-style-type: none"> <li>General purpose, used for functional prototypes, series parts, engineering and medical applications</li> </ul>	\$105	9011-0013
	<b>StainlessSteel PH1</b> Stainless Steel 15-5/1.4540	<ul style="list-style-type: none"> <li>Hardenable, used for functional prototypes, series parts, engineering and medical applications</li> </ul>	\$120	9011-0019
<b>Cobalt Chrome</b>	<b>CobaltChrome MP1</b> CoCrMo Superalloy UNS R31538, ASTM F75	<ul style="list-style-type: none"> <li>High strength/temperature</li> <li>Used for functional prototypes, series parts, engineering medical and dental applications</li> </ul>	\$330	9011-0012
	<b>CobaltChrome SP2</b> CoCrMo Superalloy	<ul style="list-style-type: none"> <li>Dental applications (series production, restorations)</li> <li>Biocompatible, optimized for ceramic veneering</li> </ul>	\$625	9011-0018
<b>Titanium</b>	<b>Titanium Ti64</b> Ti6Al4V Alloy	<ul style="list-style-type: none"> <li>Biocompatible, corrosion-resistant, light alloy</li> <li>Used for prototypes and series parts for aerospace, motorsport applications, etc.</li> </ul>	\$617	9011-0014
	<b>Titanium Ti64ELI</b> Extra Low Interstitial	<ul style="list-style-type: none"> <li>Lower oxygen content, corrosion-resistant</li> <li>Biomedical implants, aerospace, automotive</li> </ul>	\$645	9011-0017
	<b>Titanium TiCP</b> Pure Titanium	<ul style="list-style-type: none"> <li>Biocompatible, corrosion-resistant, light alloy</li> <li>Functional prototypes and series parts for medical/dental applications, etc.</li> </ul>	Call for details	9011-0015
<b>Nickel Alloy</b>	<b>NickelAlloy IN718</b> Inconel™, UNS N07718, AMS 5662, mat.# 2.4668 etc.	<ul style="list-style-type: none"> <li>High-strength/temperature</li> <li>Used for turbines, aerospace, automotive</li> </ul>	\$192	9011-0020
	<b>NickelAlloy IN625</b> Inconel™, UNS N06625, AMS 5666F, mat.# 2.4856 etc.	<ul style="list-style-type: none"> <li>High-strength/temperature</li> <li>Used for turbines, aerospace, automotive</li> </ul>	\$192	9011-0022
	<b>Nickel Alloy HX</b> UNS N06002	<ul style="list-style-type: none"> <li>Conductive for components with severe thermal conditions and high risk of oxidation - combustion chambers, burner components, fans, roller hearths, etc.</li> </ul>	\$225	9011-0023

EOS of North America, Inc. · 28970 Cabot Drive, Suite 700 · Novi, MI 48377 · Ph: (248) 306-0143 · [www.eos.info](http://www.eos.info)

\*Sold in 20 kilogram increments for plastics. \*\*Sold in 10 kilogram increments for metals. Prices subject to change. Subject to EOS Terms and Conditions as of August 2012. Updated March 26, 2014 v13