

Line Card

Supporting our customers in their adoption of additive manufacturing

NEXEO PLASTICS 3D

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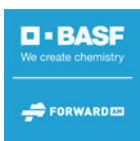
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OUR SUPPLIERS



PELLETS FOR ADDITIVE MANUFACTURING

Our products in EMEA

Specially designed for additive manufacturing

Plastic Type	Grade	Brand	Thermal Properties	Tensile Strength	Tensile Modulus	Additional Information
ABS	Neviprint ABS 3801	Nexeo	90°C ISO75 ²	45 MPa	2500 MPa	General Purpose
PAHT	LUVOCOM® 3F PAHT 9936 BK L	Lehvoss	120°C 200h ³	78 MPa	3400 MPa	Optimized Surface Appearance
	LUVOCOM® 3F PAHT 50588 BL L	Lehvoss	-- --	83 MPa	3800 MPa	Food Contact and Magnetically Detectable
	LUVOCOM® 3F PAHT KK 50056 BK FR HF	Lehvoss	120°C 200h ³	55 MPa	6000 MPa	Flame Retardant: UL94 V-0 at 0.4mm; Fire Testing to Railway Components: EN 45545-2 R22/R23 (HL3)
	LUVOCOM® 3F PAHT CF 9891 BK CF15	Lehvoss	160°C 200h ³	120 MPa	10500 MPa	Electrical Properties
	LUVOCOM® 3F PAHT CF 9743 BK CF25	Lehvoss	180°C 200h ³	250 MPa	28000 MPa	Electrical Properties
PLA	Luminy® LX175	Total Corbion	60°C ISO75 ¹	45 MPa	3500 MPa	General Purpose
	Luminy® LX175 RMB20	Total Corbion	60°C ISO75 ¹	45 MPa	3500 MPa	20% Recycled Content
	Luminy® L175	Total Corbion	105°C ISO75 ¹	50 MPa	3500 MPa	High Head
	Luminy® L175 RMB20	Total Corbion	105°C ISO75 ¹	50 MPa	3500 MPa	20% Recycled Content
	Luminy® LX975	Total Corbion	60°C ISO75 ¹	40 MPa	3500 MPa	Very Low Warping
	Luminy® LX975 RMB20	Total Corbion	60°C ISO75 ¹	40 MPa	3500 MPa	20% Recycled Content
	LUVOCOM® 3F PLA 50593 WT	Levhoss	75°C ISO75 ¹	40 MPa	4300 MPa	Optimized Thermal Resistance
PPS	LUVOCOM® 3F PPS CF 9938 BK CF15	Lehvoss	240°C 200h ³	120 MPa	11000 MPa	Flame Retardant: UL94 V-0 at 0.4mm; Fire Testing to Railway Components: EN 45545-2 R22/R23 (HL3)
PEEK	LUVOCOM® 3F PEEK 9581 NT	Lehvoss	145°C ISO75 ²			Inherent flame resistance
	LUVOCOM® 3F PEEK CF 9676 BK CF15	Lehvoss	280°C ISO75 ²			Inherent flame resistance
PEI	LUVOCOM® 3F PEI 50236 GY	Lehvoss	200°C ISO75 ²	105 MPa	3500 MPa	Flame retardant: UL94 V-0 at 0.4mm; Fire Testing to Railway Components: EN 45545-2 R1 (HL3) from 2mm
PEKK	LUVOCOM® 3F PEKK 50082 NT	Lehvoss	300°C 200h ³	90 MPa	3000 MPa	Flame retardant: UL94 V-0 at 1.6mm
PET	LUVOCOM®	Lehvoss	125°C 200h ³	55 MPa	3000 MPa	90% recycled content
PC/ABS	LUVOCOM®	Lehvoss		103 MPa	10000 MPa	Low warping
PP	3D S50 Flex K WF50	StoraEnso	-- --	30 MPa	2700 MPa	Wood Fiber Reinforced
	3D Ocean S50 Flex K WF50	StoraEnso	-- --	33 MPa	2800 MPa	Wood Fiber Reinforced and Recycled Polymer
	GR105PP	Braskem	93°C D648 ⁵	16 MPa	1245 MPa	General Purpose
	GR500PP-GF GF25	Braskem	154°C D648 ⁵	46 MPa	5200 MPa	Improved Impact Strength
	GR900PP-CF CF30	Braskem	158°C D648 ⁵	41 MPa	6380 MPa	100% Recycled Carbon Fiber
PP/PE	GR605R-CF CF10	Braskem	122°C D648 ⁵	25 MPa	3900 MPa	90% Recycled Content
TPU	LUVOCOM®	Lehvoss	300°C	24 MPa	220% ⁴	ESD Safe

(1) 0.45 MPa HDT B
 (2) 1.82 MPa HDT A Values
 (3) Service Temperature During Lifetime (max. 200h)

(4) Elongation at break
 (5) Deflection Temperature Under Flexural Load

CF Carbon Fiber **GF** Glass Fiber **WF** Wood Filled **HF** Halogen Free
 Eco Friendly Recycled Material High Temperature Machinery Required

OUR SUPPLIERS



More products available!
 CONTACT US: nexeo3D@nexeoplastics.com

* Trademark owned by a third party

The logo consists of the characters '3D' in a bold, green, sans-serif font. A horizontal line is positioned below the '3' and the 'D', extending slightly beyond the 'D' on both sides.The logo features the word 'nexeo' in a green, lowercase, sans-serif font with a registered trademark symbol (®) to its upper right. Below 'nexeo' is the word 'plastics' in a smaller, grey, lowercase, sans-serif font. A vertical line is positioned to the left of the text.