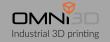
TABLE OF FILAMENT APPLICATIONS

FILAMENT GROUP	FILAMENT NAME	EXTRUSION TEMP.	PLATFORM TEMP.	CHAMBER TEMP.	ENDURANCE	DURABILITY	FLEXIBILITY	EASE OF PRINTING	SUPER POWER	APPLICATION
	ABS-42	235-255°C	80-110°C	60-70°C	•••••	•••••	•••••	•••••	Durability and a smooth finish	Final parts and prototyping
	ASA-39	240-260°C	80-110°C	60-70°C	•••••	•••••	•••••	•••••	Resistant to UV radiation	Elements exposed to weather conditions
BASIC	PET-G-32	230-250°C	60-90°C _h	without a neated chamber	•••••	•••••	•••••	•••••	Approved for contact with food	Final parts for special use
FILAMENTS	PLA-36	180-210°C	25-60°C h	without a neated chamber	•••••	•••••	•••••	•••••	Biodegradable	Prototyping
	PLA-WOOD	180-210°C	25-60°C h	without a neated chamber	•••••	•••••	•••••	•••••	Wooden finish	Prototyping
	Ultrafuse® ABS Fusion+	240-260°C	80-110°C	55°C	•••••	•••••	•••••	•••••	Improved layer bonding	Geometrically complex models
	PC-ABS-47	250-280°C	100-130°C	60-70°C	•••••	•••••	•••••	•••••	Increased temperature resistance	Final parts
	TPU-93A	210-230°C	40-50°C h	without a leated chamber	•••••	•••••	•••••	•••••	Flexibility and chemical resistance	Final parts for special use
TECHNICAL	PA-6/66HD	240-260°C	0-80°C h	without a leated chamber	•••••	•••••	•••••	••••	Abrasion resistance	Final parts
TECHNICAL FILAMENTS		250-290°C	0-100°C	50°C	•••••	•••••	•••••	•••••	Mechanical resistance	Final parts with increased resistance
	3DXSTAT™ ESD-PETG	230-260°C	60-90°C _h	without a eated chamber	•••••	•••••	•••••	•••••	Electrostatic resistance	Final parts used in electronics
	PP	200-220°C	0-110°C	without a leated chamber	•••••	•••••	•••••	•••••	Light and flexible, chemically and mechanically resistant	Elements requiring chemical and mechanical resistance



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FILAMENT GROUP	FILAMENT NAME	EXTRUSION TEMP.	PLATFORM TEMP.	CHAMBER TEMP.	ENDURANCE	DURABILITY	FLEXIBILITY	EASE OF PRINTING	SUPER POWER	APPLICATION
	CF-PA-12	250-290°C	40-100°C	50-70°C	•••••	•••••	•••••	•••••	Temperature resistance	Final parts exposed to extreme working conditions
	THERMEC™ZED	300-330°C	100-130°C	70°C	•••••	•••••	•••••	•••••	Chemical resistance	Elements exposed to temperatures up to 200 ° C
	XSTRAND™ GF30-PA6	250-290°C	40-100°C	50-70°C	•••••	•••••	•••••	•••••	Mechanical resistance, low conductivity	Final parts for special use
	PEKK-A	370-380°C	110-130°C	60-80°C	•••••	•••••	•••••	•••••	Extreme mechanical strength	Products exposed to extreme working conditions
SPECIALIS	PMMA	240-270°C	60-120°C	40-60°C	•••••	•••••	•••••	•••••	UV radiation transmittance, transparency	Glass replacement
FILAMEN		235-255°C	80-110°C	60-70°C	•••••	•••••	•••••	•••••	Self-extinguishing, resistant to fire	Elements exposed to fire
	PET-G Carbon	220-260°C	60-100°C _h	without a neated chamber	•••••	•••••	•••••	•••••	PET-G with increased impact strength	Prototyping test models
	ABS FC	235-255°C	80-110°C	60-70°C	•••••	•••••	•••••	•••••	Biocompatibility, food contact possible	Medicine, food industry
	ABS-ESD	230-250°C	80-100°C	60-70°C	•••••	•••••	•••••	•••••	Antistatic, durability	Electrical industry, housings of electrical components
	PP-C	220-260°C	40-80°C _h	without a neated chamber	•••••	•••••	•••••	••••	Low hygroscopicity, chemically inert	In a chemical environment and in the needs of mechanical strength
	HIPS-20	220-240°C	70-110°C _h	without a neated chamber	•••••	••••	•••••	•••••	Breakaway support material	Basic support material
SUPPORT FILAMENT	003-20	230-240°C	80-110°C	50-70°C	•••••	•••••	•••••	•••••	Soluble in alkaline solution	Support material for industrial filaments
	PVA-20	200-230°C	50-90°C _ł	without a neated chamber	•••••	••••	••••	••••	Water-soluble	Support material for PLA and Nylon

