

# LOXISTER

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Loxim Grade Name	Product Family	F / UF <small>(UF-Unfilled, GF-Glass Filled, MR-Mineral Filled, TA-Talc Filled)</small>	Flame Retardant <small>(FR)</small>	Special Characteristics	Features [ ↑ - Excellent, ↔ - Good, ↓ - Medium / Not Recommended ]											Typical Applications
					Physical			Processing		Mechanicals			Resistivity			
					Surface Finish /Appearance	Dimensional Stability	Low Warpage	Melt/Flow Characteristics	Mold Release	Stiffness and Rigidity	Impact Strength	Low Temperature Ductility	Heat Resistance	Chemical Resistance	Abrasion Resistance	
LOXISTER PBT 02046	PBT	UF	✖	Anti Static Properties	↑	↑	↔	↔	↑	↔	↔	↓	↑	↑	↑	Textile – Machinery Components Electric Motor Housing Miniature Circuit Housing
LOXISTER PBT FRV0 02039			✓	Flame Retardant	↑	↑	↔	↔	↔	↑	↔	↓	↑	↑	↑	Electric Appliance Housings Switches and Switch Components Keyboard Components
LOXISTER PBT GF15 02003		15%GF	✖	Glass Fiber Reinforced	↔	↑	↔	↔	↔	↔	↔	↓	↑	↑	↑	Electric Appliance Housings Timer Dials Parts of Thermostats
LOXISTER PBT FRV0 GF15 02004		15%GF	✓	Flame Retardant	↔	↑	↔	↔	↔	↔	↔	↓	↑	↑	↑	Electric Appliance Housings Relay Switch Housing Plug-and-Socket Connectors
LOXISTER PBT FRV0HF GF15 02005			✓	Halogen Free Flame Retardant	↔	↑	↔	↔	↔	↔	↔	↓	↑	↑	↑	Switches Lightning Components Toggle Switches and Knobs
LOXISTER PBT GF20 02009		20%GF	✖	Glass Fiber Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↓	↑	↑	↑

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LOXISTER PBT GF20 02010	PBT	20%GF	✕	Glass Fiber Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↓	↑	↑	↑	Consoles Printed Circuit Boards Contact Lens Carriers
LOXISTER PBT GF20  02011			✕	Glass Fiber Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↓	↑	↑	↑	Electric Motor Housing Miniature Circuit Housing CFL and LED Housing
LOXISTER PBT GF20 02037			✕	Glass Fiber Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↔	↑	↑	↑	Automotive – Interior Lamp Electric Motor Housing Miniature Circuit Housing CFL and LED Housing
LOXISTER PBT FRV0 GF20  02012			✓	Enhanced Flame Retardant	↔	↑	↔	↔	↔	↔	↔	↔	↓	↑	↑	↑	Electric Motor Housing Miniature Circuit Housing CFL and LED Housing
LOXISTER PBT FRV0 GF20  02013			✓	Enhanced Flame Retardant	↔	↑	↔	↔	↔	↔	↔	↔	↓	↑	↑	↑	Consoles Printed Circuit Boards Contact Lens Carriers
LOXISTER PBT GB20 02006			✕	Glass Beads Reinforced	↔	↑	↔	↔	↔	↑	↔	↔	↔	↓	↑	↑	↑

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LOXISTER PBT GF30 02024	PBT	30%GF	×	Glass Fibre Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↑	↑	↑	Automotive – Windshield Wiper Arms Air Conditioner Fins Electric Motor Housing
LOXISTER PBT GF30 02025			×	Glass Fibre Reinforced	↔	↑	↔	↑	↔	↔	↔	↔	↑	↑	↑	Electric Motor Housing Consoles Printed Circuit Boards
LOXISTER PBT GF30 02038			×	Glass Fibre Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↑	↑	↑	Automotive – Windshield Wiper Arms Air Conditioner Fins Electric Motor Housing
LOXISTER PBT GF30 02045			×	Glass Fibre Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↑	↑	↑	Consoles Printed Circuit Boards Bobbins
LOXISTER PBT GF30 LU 02051			×	Lubricated & Glass Fibre Reinforced	↔	↑	↔	↑	↑	↔	↑	↔	↑	↑	↑	Automotive – Windshield Wiper Arms Air Conditioner Fins Consoles
LOXISTER PBT GF30 IM1 02023			×	Impact Modified & Glass Fibre Reinforced	↔	↑	↔	↔	↔	↔	↔	↑	↑	↑	↑	↑

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LOXISTER PBT FRV0 GF30 02029	PBT	30%GF	✓	Flame Retardant & Glass Fibre Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↑	↑	↑	Automotive – Windshield Wiper Arms Miniature Circuit Board (MCB) Housing Cooling Fans
LOXISTER PBT FRV0 GF30 02030			✓	Flame Retardant & Glass Fibre Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↑	↑	↑	Electric Motor Housing Bobbins Switch Board Housings
LOXISTER PBT FRV0 GF30 02031			✓	Flame Retardant & Glass Fibre Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↑	↑	↑	Automotive – Windshield Wiper Arms Miniature Circuit Board (MCB) Housing Cooling Fans
LOXISTER PBT FRV0 GF30 02056			✓	Flame Retardant & Glass Fibre Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↑	↑	↑	Electric Motor Housing Miniature Circuit Housing CFL and LED Housing
LOXISTER PBT FRV0 GF30 UV1 02026		30%GF	✓	Flame Retardant, UV resistance & Glass Fibre Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↑	↑	↑	Electrical – MCB Switch Boards Electric Timer Housing Electric Motor Housing
LOXISTER PBT FRV0 GF30 UV1 02027			✓	Flame Retardant, UV resistance & Glass Fibre Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↓	↑	↑	↑

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LOXISTER PBT GB30 BK0201 02052	PBT	30%GF	✖	Glass Fiber Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↓	↑	↑	↑	Textile – Machine Components Miniature Circuit Housing Power Coil Housing
LOXISTER PBT FRV0 GF15MR15 02018		15%GF 15%MR	✓	Combination of Glass & Mineral Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↓	↑	↑	↑	Electrical – MCB Switch Boards Electric Motor Housing Electronic Consoles Printed Circuit Board
LOXISTER PBT FRV0 GF15MR15 02033			✓	Flame retardant & Combination of Glass & Mineral Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↓	↑	↑	↑	Automotive – Windshield Wiper Arms Electric Iron Base Electric Motor Housing Consoles
LOXISTER PBT GF20MR10 02014		20%GF 10%MR	✖	Combination of Glass & Mineral Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↔	↑	↑	↑	Telephone Ringer Frames Adaptor Rings Oven Grills
LOXISTER PBT FRV0 GF20MR10 02055			✓	Flame retardant & Combination of Glass & Mineral Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↓	↑	↑	↑	Electric Iron Base Automotive – Windshield Wiper Arms Cooling Fans Electric Motor Housing
LOXISTER PBT FRV0 GF20MR10 02053			✓	Flame retardant & Combination of Glass & Mineral Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↔	↑	↑	↑	Electric Motor Housing Electric Iron Base Printed Circuit Board Switch Board Housings

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LOXISTER PC/PBT UV1 IM3 06006	PBT	UF	×	UV Stabilized & Impact Modified	↔	↔	↑	↑	↔	↔	↑	↑	↑	↔	↑	Automotive – Painted and Unpainted Exteriors. Outside Door Handle Electronic Modules Textile Bobbins
LOXISTER PC/PBT IM3 06002			×	Impact Modified	↔	↔	↑	↑	↑	↔	↑	↑	↑	↔	↑	Automotive – Shock/Energy Absorbers Unpainted Exteriors Skirts Bull Bars and Bumpers
LOXISTER PC/PBT IM3 06003			×	Impact Modified	↔	↑	↑	↑	↔	↔	↑	↑	↑	↔	↑	Automotive – Shock/Energy Absorbers Unpainted Exteriors Skirts Electrical Applications Bull Bars and Bumpers
LOXISTER PC/PBT GF10 IM1 06004		GF10%	×	Glass fiber reinforced, Impact Modified	↔	↑	↔	↑	↑	↔	↔	↔	↑	↔	↑	Automotive – Outside Door Handle Shock/Energy Absorbers Textile Bobbins Electrical Applications Bull Bars and Bumpers
LOXISTER PC/PBT GF15 IM1 06005		GF15%	×	Glass fiber reinforced, Impact Modified	↔	↑	↔	↑	↑	↔	↔	↔	↑	↔	↑	Automotive parts - Outdoor Door Handle Bracket
LOXISTER PBT/PET TA20 14001		TA20%	×	Talc filled & anti static Properties	↑	↑	↔	↑	↑	↔	↔	↓	↑	↑	↑	Automotive - Headlamp Bezel



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LOXISTER PBT/PET GF15 14005	PBT	GF15%	✖	Glass fibre Reinforced	↑	↑	↑	↑	↔	↔	↔	↓	↑	↑	↑	Cooking Appliance – Handles Injection molded end caps Toaster Housing and Grills
LOXISTER PBT/PET GF30 14008		GF30%	✖	Glass fibre Reinforced	↑	↑	↑	↑	↔	↔	↔	↓	↑	↑	↑	Automotive – Small Motor Housing Windscreen Wiper Arms Headlamp Frames PCB Housing