

Let Entec Polymers help you with your material needs for firearm components. With our broad product portfolio and our experience in firearms components we can help you select the best material for your specific needs and applications. In addition, we can develop custom compounds to meet your unique needs when off-the-shelf products don't exist. Contact your Entec Polymers sales representative for more information on these products or for additional assistance.



FIREARM COMPONENT	COMMON ENGINEERED THERMOPLASTICS	COMMON THERMOPLASTIC ELASTOMERS
Stocks, Frames, Receivers	Glass Reinforced Nylon, PP, Polycarbonate or PBT Polyester	
Handguards, Forearms, Picatinny Rails, Magazines	Glass Reinforced Nylon, PP or PBT Polyester; Lubricated Polymers	Soft TPEs, Vibration Damping TPEs
Recoil Pads		Vibration Damping TPEs
Grips	Glass Reinforced Nylon, PP, PBT Polyester	Soft TPEs, Vibration Damping TPEs
Bullets	Nylon, Specialty Materials	Thermoplastic Urethane, TPEs
Shotgun Shells, Wads, Buffer	Polyethylene	

MATERIALS FOR USE IN FIREARM COMPONENTS	
Glass Reinforced Nylon 6	Ravago HYLON®, BASF ULTRAMID B®
Glass Reinforced Nylon 66	Ravago HYLON®, BASF ULTRAMID A®, Ascend VYDYNE®
Glass Reinforced PP	Ravago ECHO®, Entec HYPRO-F™, Asahi THERMYLENE®
Glass Reinforced PBT Polyester	Celanese CELENEX®, BASF ULTRADUR®
Glass Reinforced PC	Ravago HYLEX®, Trinseo CALIBRE, SamYang TRIREX®
Thermoplastic Urethane	Lubrizol ESTANE®
Thermoplastic Elastomers	Enplast ENFLEX TPV and SEBS
Specialty Materials	Custom compounds based on a variety of base polymers and filler types

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