

JEDA Polymers Tactical Performance Products

Excellent choices for use in firearm components. They provide lightweight, high stiffness, high toughness, dimensional stability and excellent chemical resistance. JEDA offers a large family of polyamides including; PPA, 6i/6t, DT/DI, PA6, PA66, PA610, PA612, PA12.



Tactical Part	End Use Requirements	JEDA Material Offering(s)	Product Attributes
 Magazine	<ul style="list-style-type: none"> • Feed Lip Toughness • Severe Drop Test Requirements • Low Creep 	Jedamid ST294G30L BK2091 Jedamid HI290G45E GX3 BK2091 Jedamid HI190G45HF GX3	<ul style="list-style-type: none"> • Superior Toughness • Dimensionally Stable • High Yield Strain • Graphene Enhanced • Precolor Products Available
 Butt Stock	<ul style="list-style-type: none"> • High Toughness • High Stiffness • Ability to Pigment 	Jedamid ST294G30L BK2091 Jedamid HI290G45E GX3 BK2091 Jedamid HI190G45HF GX3	<ul style="list-style-type: none"> • Superior Toughness • Dimensionally Stable • Graphene Enhanced • Pre-color Products Available
 Pistol Frame	<ul style="list-style-type: none"> • High Toughness • Class A Surface • Low Creep 	Jedamid PA12 G23E Jedamid HI290G30E	<ul style="list-style-type: none"> • Excellent Surface Appearance • Superior Toughness • Dimensionally Stable • Graphene Enhanced
 Lower Receiver	<ul style="list-style-type: none"> • High Toughness • Class A Surface • High Flow • Low Creep 	Jedamid 190G35HF GX3 Jedamid 290G35E GX3 BK2091	<ul style="list-style-type: none"> • Very High Ultimate Toughness • High Flow for Thin Walled Complex Geometries • Graphene Enhanced
 Gun Stock	<ul style="list-style-type: none"> • Reduced Weight • Class A Surface • High Toughness 	Jedamid 290CF30E GX3 (carbon fiber)	<ul style="list-style-type: none"> • 12% Reduced Weight vs Fiberglass • Excellent Surface Appearance • High Toughness • Dimensionally Stable • Graphene Enhanced



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 <p>Clear Magazine</p>	<ul style="list-style-type: none"> • Transparency • Chemical Resistance • High Toughness 	PC Siloxane Copolymer	<ul style="list-style-type: none"> • Clarity • Low Temperature Toughness • Good Chemical Resistance
 <p>Shotgun Accessories</p>	<ul style="list-style-type: none"> • Chemical Resistance • High Toughness 	Jedamid HI290G14L	<ul style="list-style-type: none"> • Good Flow • Superior Toughness • Precolor Products Available
 <p>Holster</p>	<ul style="list-style-type: none"> • Chemical Resistance • High Toughness 	Jedamid ST425 GX3 BK2091 Jedamid 190G10L NC010	<ul style="list-style-type: none"> • High Flex Fatigue • Good Chemical Resistance • Good Abrasion Resistance
 <p>Helmet</p>	<ul style="list-style-type: none"> • Chemical Resistance • High Toughness • Dimensional Stability 	PC Siloxane Copolymer Jedamid ST500 (PPA Supertough)	<ul style="list-style-type: none"> • Superior Toughness • Scratch Resistance • Unaffected by Environmental Conditions
 <p>Hand Guard</p>	<ul style="list-style-type: none"> • High Stiffness • High Flow • High Toughness • Ability to Pigment 	Jedamid HI290G45E GX3 Jedamid HI190G45HF GX3	<ul style="list-style-type: none"> • High Toughness • Scratch Resistance • Dimensionally Stable • Very High Flow • Precolor Products Available
 <p>Grip</p>	<ul style="list-style-type: none"> • Chemical Resistance • High Toughness • Good Dimensional Stability 	Jedamid HI290G30E GX3 Jedamid HI190G30HF GX3	<ul style="list-style-type: none"> • High Toughness • Scratch Resistance • Dimensionally Stable • Very High Flow • Precolor Products Available
 <p>Follower</p>	<ul style="list-style-type: none"> • Low Wear/Abrasion • Tight Tolerances 	Jedalon 90AR NC010 Acetal Copolymer	<ul style="list-style-type: none"> • Lowest DCOF Against Steel or Plastic • Dimensionally Stable • No PFA's



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