

The following materials are weldable by the Injectiweld

RESIN TYPE	PP	PE	ABS	POLYSTYRENE	POLYAMIDE	POLYCARBONATE
Main flame	Yellow Flame	Blue Flame	Yellow Flame	Yellow Flame	Blue Flame	Yellow Flame
Minor flame	Blue Edge	Yellow Edge			Yellow Tip	Red/orange edge
Burn Smells Like	Diesel	Paraffin	Acrid	Marigold	Burnt Hair	Sweet
Smoke looks like		Smokes	Black Smoke	Black Smoke	Smoke	Black
Other Burn notes	Drips after a while	Drips after a while	Soot	Soot	Drips	Soot
Mobius Loop #	5	2, 4	7	6	7	7
Specific Gravity	.90 - .92	.91 - .97	1.04 - 1.07	1.05	1.02 - 1.15	1.2
Properties in water	Floats	Floats	Sinks	Sinks	Sinks	Sinks
Hygroscopic?	no	no	Yes	Yes	Yes	Yes
Drying Temperature	N/A	N/A	90°C, 3 - 4 hours - or longer at lower temp	98°C, 2 - 3 hours - or longer at lower temp	82°C, 4 - 5 hours - or longer at lower temp	120°C, 3 - 4 hours - or longer at lower temp
Drader Weld Temp	280°C	265°C	265°C	255°C	300°C	300°C
Notes:					AKA Nylon	
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