



Fire Flex Blue - PZ-J 516KB

Product Type and Description

Precisioned Fire Flex Blue - PZ-J 516KB is a technically engineered premium jewelry injection pattern wax offering the most plasticity, flexibility and ductility in our product line. This unique product provides exceptional memory which produces sharp detail and can withstand rough handling when removed from complex molds. Fire Flex Blue provides superior shelf life and is well suited for metal molds and stone in place casting. It is produced with only the purest and high quality synthetic raw materials available, Fire Flex Blue offers very high consistency combined with extremely low ash residue.

All manufactured product undergoes stringent Quality Control testing to ensure the highest level of quality.



- Designed to provide exceptional memory and flexibility.

Physical Properties

Testing Procedure / Method	Specification/Typical
Softening Point, Ring and Ball @4°F/min (IPCS 004)	156 +/- 6°F
Drop Melt Point @4°F/min (IPCS 005)	159 +/- 6°F
Congearing Point (IPCS 003)	146 +/-6°F
Needle Penetration 450 g @77°F (IPCS 006)	30.4 +/- 5.0 dmm
Apparent Viscosity, Brookfield Thermosel @170°F (IPCS 009)	430 +/- 75 cps
Ash Content (IPCS 002)	0-.015%
Color (IPCS 020)	Blue

Recommended Injection Pressure and Temperatures

Liquid injection 8-12psi / 155-162F (70-76°C)

In order to fully benefit from the properties engineered into our range of jewellery waxes it is best practice to stir your wax pot before the start of each shift. This ensures the melted wax is fully homogenized and ready for use.

Periodic draining and cleaning of your wax pot is also highly recommended.

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