TURBO FUSE SERIES 155-HT
(700 cp HIGH TEMPERATURE)

Palm Lab's Cyanoacrylate is a one component rapid bonding adhesive. TURBO FUSE SERIES 190-HT advanced formula is designed to polymerize instantly by absorbing surface moisture and is recommended for a multitude of applications that have high temperature, humidity, and vibration. The fast curing qualities make it especially desirable in high speed industrial production. TURBO FUSE SERIES 190-HT is ideal for use in applications that require a high temperature adhesive. For extreme gap fill, the use of an accelerator is highly recommended.

Part Numbers for this TDS: 15-155HT, 30-155HT

PHYSICAL PROPERTIES (Liquid State)

Base compound (Resin)	Ethyl Cyanoacrylate
Appearance	Clear liquid
Viscosity cP	650 – 750 cP
Specific Gravity	1.06
Flash Point	> 185°F
Shelf Life	1 Year
Soluble in Acetone, MEK, Amide, Methylene Chloride	

PHYSICAL PROPERTIES (Cured State)

Appearance	Clear-Hard
Operating Temperature Range	-58° to 221°F
Hot Strength @ 70°F	100%
Hot Strength @ 221°F	45%
Hot Strength @ 248°F	25%
Hot Strength @ 257°F	Intermittent
Tensile Strength (N/mm^2)	21
Gap Fill	0.007 $''$

MATERIAL SET UP TIME

Aluminum to Aluminum	15 to 25 seconds
Steel to Steel	45 to 100 seconds
Phenolic to Phenolic	< 90 seconds
Polycarbonate to Polycarbonate	40 to 60 seconds
Rubber to Rubber	10 to 25 seconds