

Technical Data Sheet

PearsonMelt 110 is a high-performance metallocene formulated to tackle the most demanding packaging applications. An extremely versatile problem solver, 110 bonds to a variety of difficult coatings and varnished substrates. The high hot tack is particularly suitable for application situations with high memory forces or lack of counter pressure. PearsonMelt 110 supports the widest temperature service range of the Pearson adhesive line making it ideal for packaging stored in uncontrolled environments. The high resistance to thermal degradation protects your Pearson equipment and diminishes the need for costly hotmelt spare parts.

Product Specifications	Part Number	305551
	Rate of Set	Very Fast
	Application Temperature	350 °F
	Application Range	325-375 °F
	Color	White/Clear
	Softening Point	227 °F
	Specific Gravity	0.92
	Viscosity at Appl. Temp.	950 cP at 350 °F
	Service Temperature Range	-40 to 150 °F
	Shelf Life	2 Years

110

Lowest Cost of Ownership Reduce Adhesive Cost by Up to 30%

- Low density formula for high mileage
- Superior adhesion requires less coat weight
- Strong hot tack averts pop-opens, lowers rejects
- High thermal stability prevents char and gelling
- Clean machining and cut-off characteristics eliminates stringing cleanup and downtime
- Rubber added for exceptional adhesion to even the toughest substrates

FDA Status: All ingredients in PearsonMelt 110 are approved under the Federal Regulation 21CFR 175.105, which relates to the incidental contact of adhesives with food.

Precautions: Material is applied hot. Appropriate clothing and eye protection should be used. Use with adequate ventilation to remove any hot melt fumes or vapors that are generated. Keep containers and melters covered to avoid contamination. Do not mix with other adhesives.

Storage Conditions: Avoid moisture. Do not store in high temperatures.

Safety: When handling and working with hot melt adhesives always wear protective clothing and eye protection. To minimize the risk of flammable vapors, do not exceed 400°F melt temperature.

Clean Up: For best results, allow product to cool and manually remove excess adhesive with scraper. Consult your hot melt equipment manufacturer for proper clean-up procedures or contact your Pearson Adhesives representative for additional help.

Shelf Life: 2 years from date of manufacture.

Country of Origin: **MADE IN THE USA**

Technical Data Sheet

PearsonMelt 310 is a high-performance packaging hot melt with a fast set speed and outstanding bond strength, ideal for high-speed case and tray sealing. 310 has excellent hot tack and wet out properties making it a great tool to optimize production lines with short compression times. It features good heat and cold resistance, making it a versatile adhesive for a wide range of applications.

Product Specifications	Part Number	305550
	Rate of Set	Very Fast
	Application Temperature	350 °F
	Application Range	325-375 °F
	Color	White/Clear
	Softening Point	226 °F
	Specific Gravity	0.95
	Viscosity at Appl. Temp.	800 cP at 350 °F
	Service Temperature Range	-20 to 140 °F
	Shelf Life	2 Years

310

- Excellent adhesion to a variety of substrates
- Fast set speed with high heat resistance
- Water white color enhances product appearance
- Clean cutoff eliminates stringing
- Smokeless and odorless

FDA Status: All ingredients in PearsonMelt 310 are approved under the Federal Regulation 21CFR 175.105, which relates to the incidental contact of adhesives with food.

Precautions: Material is applied hot. Appropriate clothing and eye protection should be used. Use with adequate ventilation to remove any hot melt fumes or vapors that are generated. Keep containers and melters covered to avoid contamination. Do not mix with other adhesives.

Storage Conditions: Avoid moisture. Do not store in high temperatures.

Safety: When handling and working with hot melt adhesives always wear protective clothing and eye protection. To minimize the risk of flammable vapors, do not exceed 400°F melt temperature.

Clean Up: For best results, allow product to cool and manually remove excess adhesive with scraper. Consult your hot melt equipment manufacturer for proper clean-up procedures or contact your Pearson Adhesives representative for additional help.

Shelf Life: 2 years from date of manufacture.

Country of Origin: **MADE IN THE USA**

Technical Data Sheet

PearsonMelt 415 LT is a low temperature applied hot melt primarily used for end of line case and carton sealing. It exhibits aggressive hot tack, excellent adhesion to coated board stocks, and clean machining properties. It has a fast set speed that works well even at high line speeds.

Product Specifications	Part Number	305548
	Rate of Set	Fast
	Application Temperature	275 °F
	Application Range	250-300 °F
	Color	Amber
	Softening Point	162 °F
	Specific Gravity	0.95
	Viscosity at Appl. Temp.	850 cP at 275 °F
	Service Temperature Range	-20 to 135 °F
	Shelf Life	2 Years

415 LT

- Adheres to a variety of coatings
- Energy savings up to 30%
- Excellent thermal stability
- Shorter time to operating temperature
- Safer for operators

FDA Status: All ingredients in PearsonMelt 415 LT are approved under the Federal Regulation 21CFR 175.105, which relates to the incidental contact of adhesives with food.

Precautions: Material is applied hot. Appropriate clothing and eye protection should be used. Use with adequate ventilation to remove any hot melt fumes or vapors that are generated. Keep containers and melters covered to avoid contamination. Do not mix with other adhesives.

Storage Conditions: Avoid moisture. Do not store in high temperatures.

Safety: When handling and working with hot melt adhesives always wear protective clothing and eye protection. To minimize the risk of flammable vapors, do not exceed 400°F melt temperature.

Clean Up: For best results, allow product to cool and manually remove excess adhesive with scraper. Consult your hot melt equipment manufacturer for proper clean-up procedures or contact your Pearson Adhesives representative for additional help.

Shelf Life: 2 years from date of manufacture.

Country of Origin: **MADE IN THE USA**

Technical Data Sheet

PearsonMelt 506 is a high performance, pressure sensitive hot melt adhesive designed to run on roll or magazine fed labelers. With aggressive tack at low coat weights, long open time and excellent machining characteristics, it is suitable for pick-up as well as overlap bonding and other applications requiring high tack at a low viscosity such as pallet stabilization.

506

Product	Part Number	305553
Specifications	Open Time	Long
	Application Temperature	275 °F
	Application Range	250 - 300 °F
	Color	Light Amber
	Softening Point	155 °F
	Specific Gravity	1.0
	Viscosity at Appl. Temp.	1300 cP at 275 °F
	Shelf Life	2 Years

- Long open time
- Aggressive tack requiring little adhesive
- Performs well on cold and wet CSD bottles
- Excellent flexibility
- Suitable for pick-up and overlap bonding

FDA Status: All ingredients in PearsonMelt 506 are approved under the Federal Regulation 21CFR 175.105, which relates to the incidental contact of adhesives with food.

Precautions: Material is applied hot. Appropriate clothing and eye protection should be used. Use with adequate ventilation to remove any hot melt fumes or vapors that are generated. Keep containers and melters covered to avoid contamination. Do not mix with other adhesives.

Storage Conditions: Avoid moisture. Do not store in high temperatures.

Safety: When handling and working with hot melt adhesives always wear protective clothing and eye protection. To minimize the risk of flammable vapors, do not exceed 400°F melt temperature.

Clean Up: For best results, allow product to cool and manually remove excess adhesive with scraper. Consult your hot melt equipment manufacturer for proper clean-up procedures or contact your Pearson Adhesives representative for additional help.

Shelf Life: 2 years from date of manufacture.

Country of Origin: **MADE IN THE USA**