

**Cox Sales Company
2035 Cook Drive
Salem, Virginia 24153 USA
Phone: (540) 345-2636 FAX: (540) 342-8684**

PRO-BOND 1550

PRO-BOND 1550 is a blend of partially hydrolyzed collagen, and modified starch supplied as a dry product. This intermediate molecular weight bio-polymer is an excellent adhesive and binder for cellulosic substrates, animal feeds, pet foods, treats and chewables. Pro-Bond 1550 is an economical replacement for gelatins, and caseins, with a more attractive flavor and palatability over other binders. The special formulation of collagen with a starch modifier improves the binder performance in some injection molding processes when compared to our other collagen products.

Pro-Bond 1550 can be dry blended with other dry ingredients. It is activated with moisture and heat, optimally at 140 F. and 15% moisture or higher. Most extruders and injection molders are capable of providing the required temperature. Pro-Bond 1550 sets quickly when cooling with final bonds formed upon drying. Dry films are highly resistant to solvents and oils but remain slowly soluble in water. Bonds and films are completely biodegradable and recyclable.

Typical Property Ranges

Base	Collagen Protein, Modified Starch
Particle Size	60-100 MESH
pH	5.5-7.0 in solution.
Moisture	8-12%
Color	Pale Yellow

Packaging

PRO-BOND 1550 is available in 50 lb bags or 2000 lb supersacks.

Environmentally Safe

PRO-BOND 1550 is non-toxic, contains no VOC's and has no atmospheric pollutant burned off. See Material Safety Data Sheet for specific information concerning storage, handling, transportation, and safety/health requirements.