



Dow RETAIN™ 3000 is a functional polymer which promotes compatibilization between polyolefins and polar polymers such as nylon and EVOH and blends of polar polymers. Dow RETAIN™ 3000 functions to enhance the dispersion of the polar polymers into the polyolefin matrix such that the haze of the resulting film structure is minimized. Dow RETAIN™ 3000 can be used in polyethylene or polypropylene base resins.

### Dow RETAIN™ offers the following benefits:



Good Compatibilization Between Polyolefins & Polar Polymers



Wide Range of Processing & Service Temperatures



For Blown & Cast Film



May Be Used In-Line or Pre-Compounded

- When used in multi-layer film scrap, Dow RETAIN™ can reduce gels, allow for retention of clarity and mechanical properties such as dart impact and tear resistance.
- Dow RETAIN™ is used at a 1:1 ratio of compatibilizer to nylon barrier resin scrap and a 2:1 ratio of compatibilizer to EVOH barrier resin scrap.

MELTING POINT, °C	GLASS TRANSITION, °C	BROOKFIELD VISCOSITY, Pa-s, 177 °C	MELT FLOW INDEX, g/10 min	MALEIC ANHYDRIDE LEVEL, %
68	58	13	660 (estimated)	>0.5

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