

VESTOPLAST® – INNOVATIVE APAOs WITH A WIDE RANGE OF APPLICATIONS

VESTOPLAST® is an amorphous Poly-alpha-olefin (APAO), which is a known and well-established raw material for manifold applications beyond hot melts. It consists of a balanced ratio between amorphous and crystallin structural elements, that provides good wetting and adhesion properties for many different substrates. These special properties are introduced by the Ziegler-Natta technology used to synthesize the desired molecular structures.

An example to utilize VESTOPLAST® beyond classical hot melt applications will be presented in the area of thermoplastic composites, which are full recyclable and raised high interest. Furthermore VESTOPLAST® can be used as an additive in polyolefin-recyclates or virgin material to broaden the application window or improve impact performance.