

METALLOCENE POLYOLEFIN (MPO) & AMORPHOUS POLYALPHAOLEFIN (APAO) ADHESIVES

Description

Polyolefins are apolar polymers, which require apolar tackifiers. With the fully hydrogenated NOVARES *pure*[®] resins, such a dedicated tackifier product line is available. NOVARES *pure* resins are available with 100 °C and 120 °C softening points based on C9 or DCPD/C9. Due to the precursor structure, the NOVARES *pure* grades show different compatibilities in polymers like mPO and APAO and reveal different application properties.



Benefits

Benefits of NOVARES *pure* resins are:

- Water-white color
- High thermal and UV stability
- Odor free
- Suitable for food and skin contact, as well as medical applications
- Very low VOC content
- Available in molten delivery

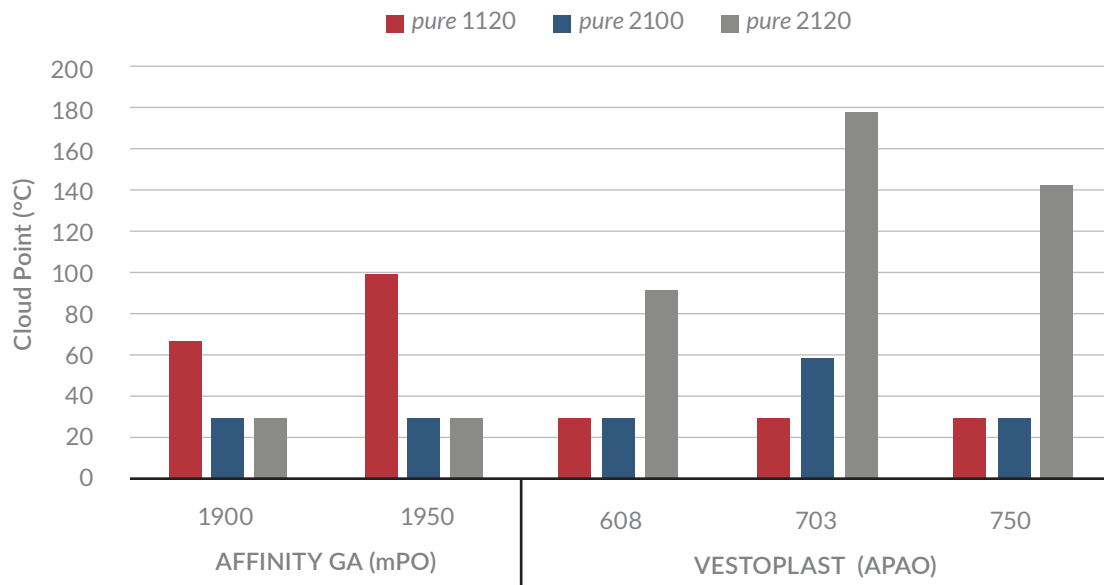
Produced with a well-controlled molecular design and a highly efficient hydrogenation and purifying process, NOVARES *pure* resins distinguish themselves with reliable and stable quality, very low VOC content and outstanding thermostability.

Results

NOVARES Resins for Polyolefin Adhesives

EVA-based Hotmelt Adhesives	Recommended NOVARES Resins
- mPO	<i>pure 1120, pure 2100, pure 2120</i>
- APAO	<i>pure 1120, pure 2100, pure 2120</i>

Cloud point of NOVARES *pure* in APAO and mPO (1:1 blend)



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