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Amorphous Poly Alpha Olefin HI8703

Technical Data Sheet




Updated: Jun 2022

Common chemical name	Amorphous copolymer of propylene
Generic name	Polyolefines
CAS number	25895-47-0
Synonym(s)	Amorphous poly alpha olefin copolymer
Color and Appearance property	Small pellet in white or pale yellow

Specification

1	Viscosity /cp (190°C)	3500±1000
2	Softening point / °C	124±5
3	Penetration / dmm (25°C, 100g, 5S)	12±4

Thermal characterisitcs

-  Noncrystalline, wax like, slightly tacky solids. With increasing temperature, soften and become more tacky.
-  Stable at room temperature, and they are sufficiently stable for many open- air applications.
-  When exposed to oxygen at elevated temperatures for several hours, the viscosity is reduced and color darkens.

Application

Sealant; Hot melt adhesive; Polymer modification; Thermoplastic compound.

Package

Net weight 25kg in PP woven bag.