

Title (en)

BLENDS OF CYCLIC OLEFIN COPOLYMERS AND FILMS PREPARED THEREFROM

Title (de)

MISCHUNGEN AUS CYCLISCHEN OLEFINCOPOLYMEREN UND DARAUS HERGESTELLTE FOLIEN

Title (fr)

MÉLANGES DE COPOLYMÈRES D'OLÉFINE CYCLIQUE ET FILMS PRÉPARÉS À PARTIR DE CEUX-CI

Publication

EP 3887447 A1 20211006 (EN)

Application

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Abstract (en)

[origin: WO2020112551A1] The present disclosure provides copolymers comprising from about 0.5 wt% to about 25 wt% cyclic olefin content and films comprising the copolymers. In one embodiment, a copolymer includes a C2-C40 monomer content of from about 75 wt% to about 99.5 wt%; and a C5-C40 cyclic olefin comonomer content of from about 0.5 wt% to about 25 wt%. The copolymer has a density of about 0.91 g/cm³ to about 0.933 g/cm³. Films of the present disclosure can have advantageous mechanical properties (such as melt strength) and optical properties (such as haze %).

IPC 8 full level

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Citation (search report)

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