

Title (en)

OLEFIN TRIBLOCK POLYMERS VIA RING-OPENING METATHESIS POLYMERIZATION

Title (de)

OLEFIN-TRIBLOCKPOLYMERE MIT RINGÖFFNUNGS-METATHESENPOLYMERISIERUNG

Title (fr)

POLYMÈRES TRISÉQUENCÉS À BASE D'OLÉFINES OBTENUS PAR POLYMÉRISATION PAR OUVERTURE DE CYCLE PAR MÉTATHÈSE

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Abstract (en)

[origin: WO2012134713A2] This invention relates to a composition comprising a multiblock polyolefin represented by the formula: PO-(-C=C-Z)-n-C=C-PO* (I) or PO-(-C-C-Z)-n-C-C-PO* (Ia) wherein Z is the portion of a cyclic monomer having at least one internal double bond that remains after a ring-opening metathesis reaction; PO and PO* are each independently polyolefins; and n is 1 to 10,000; and a process to produce such comprising contacting an alkene metathesis catalyst with a dimer of vinyl terminated polyolefins, and a cyclic hydrocarbyl monomer comprising at least one internal double bond.

IPC 8 full level

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