

Abstract Submitted
for the MAR16 Meeting of
The American Physical Society

Bisoxalamide Clarifiers to Improve Optical Performance of Polyethylene Resins¹ LIN WANG, MARTIN HILL, NESTOR SANTOS JR, ANDREW BANKS, JESSICA HUANG, ELLEN KEENE, RICH KEATON, Dow chemical — The use of special nucleating agents, often referred to as clarifying agents, to improve optical performance of polyethylene is not widely used in the industry. A series of bisoxalamide compounds were synthesized and mixed with linear low density polyethylene (LLDPE) to test clarification effects. In this talk, we will discuss structure/property relationship of these molecules on optical and thermal properties of LLDPE.

¹Bisoxalamide clarifiers to improve optical performance of polyethylene resins

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Date submitted: 21 Oct 2015

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