

New packaging material

ExxonMobil Chemical Co., the United States, has launched a new metallocene-based, very low density polyethylene (VLDPE) under the name Exceed 1012CA. The new material was developed to provide better properties than currently provided by conventional Ziegler-Natta VLDPE and ultra low density polyethylene (ULDPE) resins. Exceed 1012CA has a low density of 0.912 g/cm³ and exhibits exceptional toughness and strength. With dart impact three times that of conventional VLDPE and good puncture resistance, films manufactured with Exceed 1012CA offer down-gauging opportunities to reduce costs.

The Exceed metallocene VLDPE features low sealing temperature (85°C), thereby resulting in energy savings, and its cold temperature impact performance is excellent for frozen food packaging uses. The clarity, gloss and low haze properties are comparable to that of conventional VLDPE, and as such can be used for food packaging displays and checkout bar-code scanning. *Contact: Exxon Mobil Corp., 5959, Las Colinas Blvd., Irving, Texas 75039 2298, the United States.* (Website: www.e4engineering.com)