



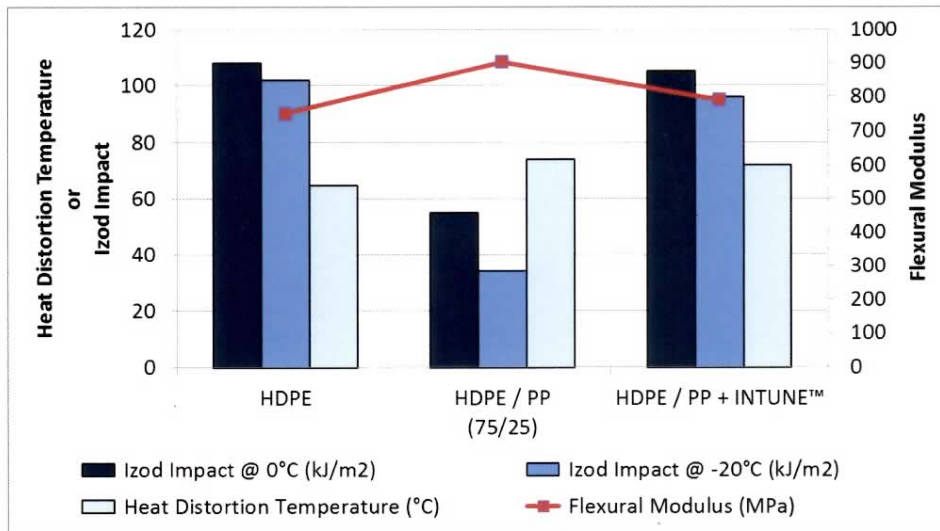
### PE and PP Compatibilization with Dow INTUNE™ Olefin Block Copolymers

This is a development carried out by The Dow Chemical Company (“Dow”). Dow is the world’s largest polyolefin elastomers producer, with the broadest portfolio in the industry.

**Product Description** – INTUNE™ PP-based Olefin Block Copolymers (OBCs) mix segments of polyethylene and polypropylene to make a new-to-the-world polymer that is compatible with both PE and PP. INTUNE™ OBC compatibilizes PP and PE systems resulting in materials with improved properties not achievable in the past.



One of the many practical and commercial uses of INTUNE™ OBCs today is enabling upgraded stiffness/toughness in durable articles made with blends of post-consumer recycle PE and PP. Purer recycle compositions require increased sorting, making them higher cost. Conversely, lower purity blends of PE and PP are limited to lower value applications due to their inherent immiscibility. Compatibilizing such blends with INTUNE™ can lead to improved property balance, increase the available supply of useable PCR, and provide access to higher value applications at a lower overall systems cost.



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Thank you for participating in the 2016 Showcase! Your commitment to plastics recycling is greatly appreciated!

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