

NEW

Kraton® G1643

Opportunity to Enhance Performance and Reduce Costs

Kraton G1643 is an enhanced polymer, which offers improved performance, cost efficiency and the convenience of easy processability. It is a clear choice for building durable parts in applications that require high clarity and excellent impact strength



Savings

Durability

Performance

KEY FEATURES

- Reduces the use of impact modifiers by 75%
- Excellent clarity
- Improved temperature performance
- Durable material, resistant to blushing/cracking

KEY BENEFITS

- FDA and USP VI approved for food and medical applications
- Users can add materials at the machine, no need to pre-compound
- High stiffness and impact allows for reduced wall thickness

KEY APPLICATIONS

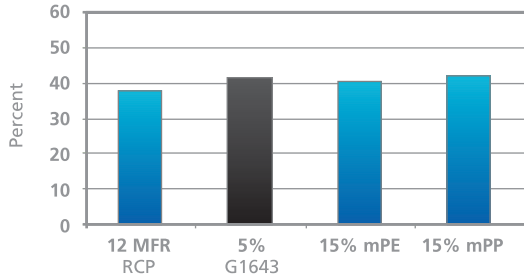
Designed for use in injection molding, sheet extrusion and blow molding, applications where high clarity and excellent impact strength are required for building durable parts.

- Housewares
- Packaging
- Medical devices
- Automotive

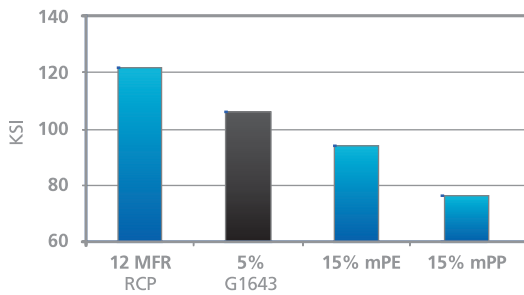
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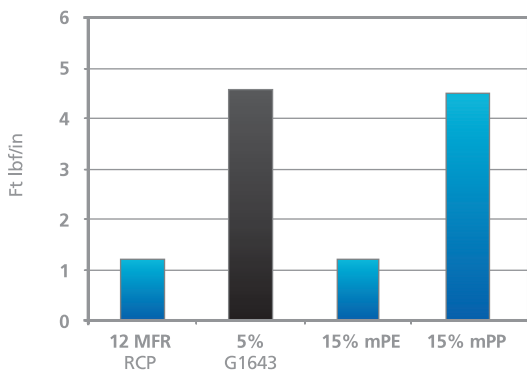
HAZE



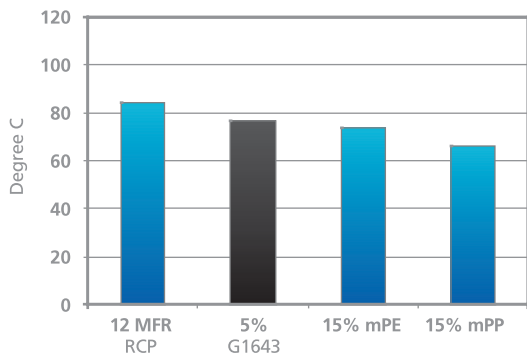
FLEXURAL MODULUS



ROOM TEMPERATURE IZOD IMPACT



HDT @ 66 PSI



Comparison Data

The following data compare G1643 dry-blended with a 12 MFR Random Copolymer Polypropylene (RCP) and other impact modifiers.

Recommended Usage

Kraton G1643 can be dry-blended at 3–5w% into various Random Copolymer Polypropylene (RCPs) to improve room temperature impact performance. Our Customers have the ability to adapt the addition level for their application needs. The parts thickness and the combination of Kraton G1643 can be optimized to achieve the best balance of clarity and impact performance while reducing total part weight.

For More Information

Please visit us at kraton.com

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