

EnHance - keep things going...

EnHance is a highly crystalline Fischer-Tropsch hydrocarbon designed to improve the processability of polyolefins during injection moulding. Fischer-Tropsch hydrocarbons are highly compatible with polyolefins and when used at the recommended loadings, are dissolved in the polymer matrix. EnHance acts as a viscosity modifier during the processing of polyolefins, allowing faster plastification, lower melt viscosity, lower melt pressure and quicker injection.

EnHance



Cycle time
reduction

Lower melt
viscosity

Due to the lower melt viscosity and the reduction of the processing temperatures EnHance offers the following benefits:

- significantly lower temperature profiles
- lower injection and hold-on pressures
- reduced cycle times
- higher output
- easier mould filling
- power savings
- improved process stability

Additional advantages:

- Improved mould release
- Low dosage levels
- Reduction of the use of mould release agents
- Improved dispersion of fillers and pigments
- Reduced moulded-in stresses (i.e., improved ESCR)
- Food approved / Halal conform



Your Contact

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