



THV - Tetrafluoroethylene hexafluoropropylene vinylidene fluoride

Properties

Background

n THV resin is a terpolymer of tetrafluoroethylene, hexafluoropropylene and vinylidene fluoride. THV is the most flexible fluoropolymer available and has the highest degree of optical clarity. Combined with the traditional chemical and environmental resistance of fluoropolymers, THV is an ideal choice for many applications.



Key Properties

- n Good coefficient of friction
- n Chemical resistance (all common solvents, acids and bases) and inertness
- n Maximum service temperature 150° C
- n Exceptional optical clarity
- n Good UV transmittance

Additional Properties

- n Melt weldability and thermoformability
- n High limiting oxygen index- does not support combustion

YOZONE Capabilities

- n Tight tolerance extrusions
- n Extruded forms
 - Tubing
 - Lay-flat tubing
 - Monofilament
 - Multi-lumen

