

W-35 (Non-metallic)

Material Data Sheet

Wilfley chemical processing pumps and parts are available in W-35 material.

Wilfley W-35 is a thermosetting plastic resin. Carbon and fiberglass fibers are used to enhance the mechanical properties to provide excellent strength and resistance to fatigue and creep.

W-35 offers excellent resistance to acids, alkalis, hypo-chlorides and many solvents, applied at temperatures up to 200F.

Resin by: CoREZYN Vinyl Ester Resin
Made by Interplastic Corporation

Type VE8301

Mechanical Properties

Flexural Strength (psi)	> 27,200 at 200F / 93C
Flexural Modulus (psi)	> 9.9×10^5 at 200F / 93C
Tensile Strength (psi)	> 19,700 at 200F / 93C
Tensile Modulus (psi)	> 11.9×10^5 at 200F / 93C