

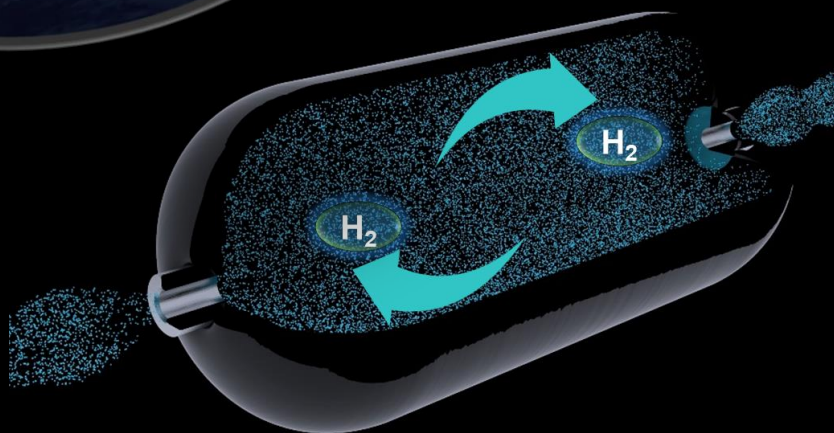
BARRIZOW

MGC

The Gas Barrier Resin for FRP



Keep Your Gas in the Tank



Contact Information

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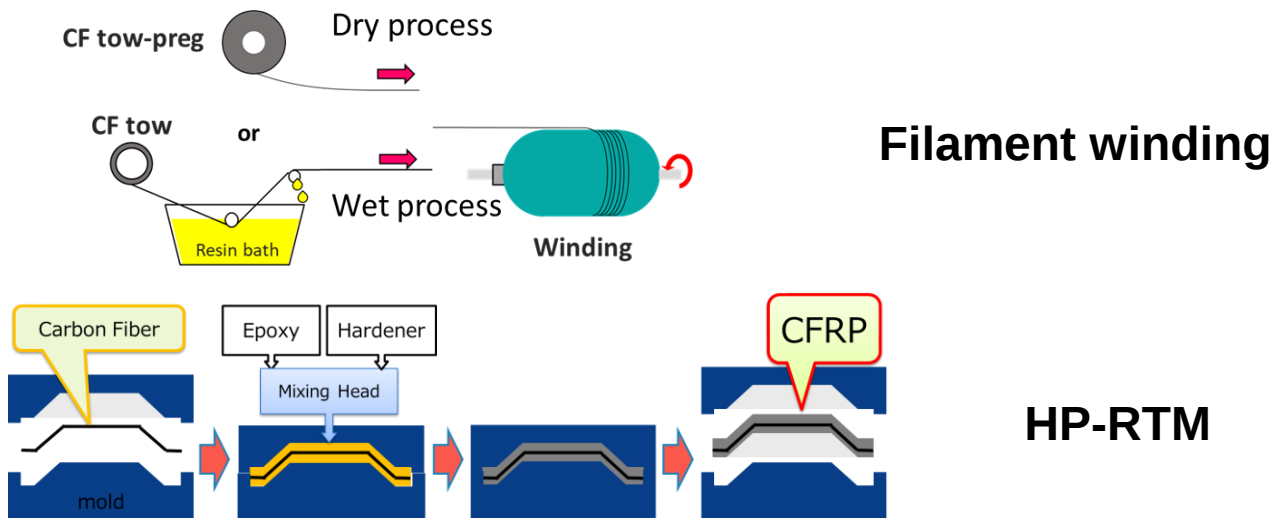


✓ Properties of BARRIZOW

	BARRIZOW W1000	BARRIZOW W1200	BARRIZOW W2000	BARRIZOW R1000	Typical Epoxy
Hydrogen permeability ($10^{-11} \text{cc}\cdot\text{cm}/\text{cm}^2\cdot\text{s}\cdot\text{cmHg}$)	2.9	3.5	7.5	4.2	20.4
Tg (°C)	85	125	95	95	140
Elongation (%)	3.7	4.6	6.5	5.4	around 3.0
Other characteristics	Good latency	Good latency	Low viscosity	Usable for coating	—
Molding process for	Filament winding Wet/Dry	Filament winding Dry	Filament winding Wet	Resin transfer molding	—

High H₂ barrier, High Tg, High elongation

✓ Molding Method as Matrix resin



✓ Coating (BARRIZOW-R1000)

