



Specialists in Tackifier Resins and Acrylic Monomers

## Teckrez® HF-100

### Fully Hydrogenated Hydrocarbon Resin

#### TECHNICAL DATA SHEET

**Teckrez HF-100** is a fully hydrogenated C9 resin with an exceptional combination of water-white color and resistance to thermo-oxidative and UV degradation. **HF-100** is recommended for use in elastomeric sealants where transparency and excellent weathering and UV resistance is required. **HF-100** enables formulation of packaging and assembly hot melt adhesives with exceptional pot stability. Other applications include plastics modification, pressure sensitive tape and label adhesives, coatings, and others.

	Typical Properties	Specifications
Color, Gardner, Neat	0	--
Color, Yellowness Index	1	2 max
Acid Value	<1	1 max
Softening Point, R & B	100°C	98°C to 104°C
Glass Transition Temp., Tg	45°C	--
Molecular Weight, Mw	625	--
PolyDispersity	1.4	--
Melt Viscosity, cps @125°C	6000	--
Melt Viscosity, cps @177°C	300	--
Iodine Value	<1	--
Specific Gravity, re: water	1.01	--
Density, lbs/gallon @25°C	8.4	--

**Compatibility** with most commonly used polymers including SIS, natural rubber, butyl rubber, polyolefins, EVA (with lower VA content), and others. Soluble in most commonly used solvents.

**FDA status** **Teckrez® HF-100** and its components meet the requirements of the Code of Federal Regulation Title 21, Section 175.105, Adhesives, when used according to the regulations.

**Packaging** Pastille form in 55 lb. Bags

*Statements and recommendations are for guidance purposes only. Teckrez, Inc. makes no guarantees regarding performance in actual adhesive or other formulated products. Responsibility for performance of formulated products is solely that of the user. Resins with softening points below 105 degC are subject to re-massing particularly in warmer months. Re-massing of any kind does not affect final product performance and is not a basis for return, claims or compensation.*