



Specialists in Tackifier Resins and Acrylic Monomers

## Teckrez® C5-100

### C5 Aliphatic Hydrocarbon Resin

#### TECHNICAL DATA SHEET

**Teckrez® C5-100** is a low molecular weight, aliphatic resin which makes it a good tackifier for SIS (Styrene-Isoprene-Styrene), natural rubber, polyisoprene, butyl rubber, polyolefin, and other commonly used polymers. **Teckrez® C5-100** is also useful as a resin binder and modifier in road marking and a range of wax- and solvent-based compounds.

	Typical Properties	Specifications
Color, Gardner, 50T	4	6 max
Color, Garner, Neat	6	8 max
Acid Value	<1	1 max
Softening Point, R & B	100°C	97°C to 105°C
Glass Transition Temp., Tg	47°C	--
Molecular Weight, Mw	3,100	--
PolyDispersity	2.4	--
Melt Viscosity, cps @125°C	40,000	--
Melt Viscosity, cps @177°C	1,000	--
Iodine Value	45	--
Specific Gravity, re: water	0.95	--
Density, lbs./gallon @25°C	7.9	--

**CAS Number:** 64742-16-1

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

**FDA status** **Teckrez® C5-100** 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. Supersacks available.

*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.*