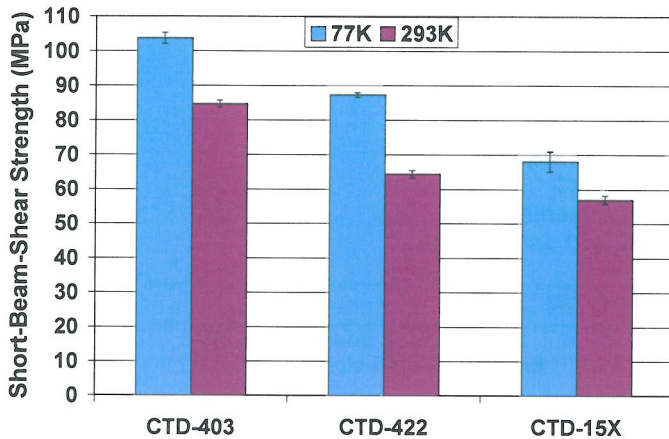




COMPOSITE TECHNOLOGY DEVELOPMENT, INC.
ENGINEERED MATERIAL SOLUTIONS

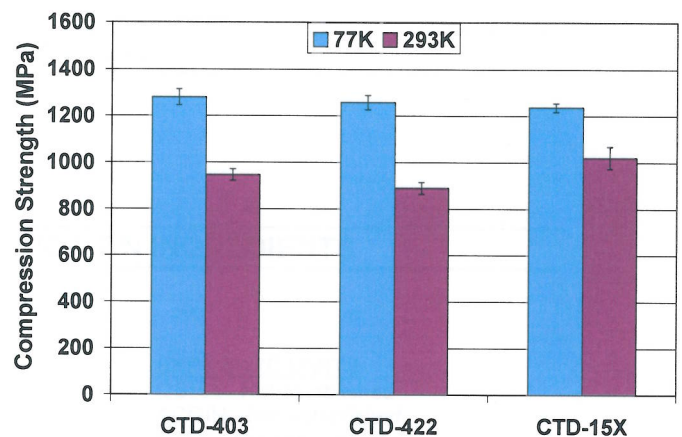


Compression and Shear Strength (w/50% V_f S2-glass)

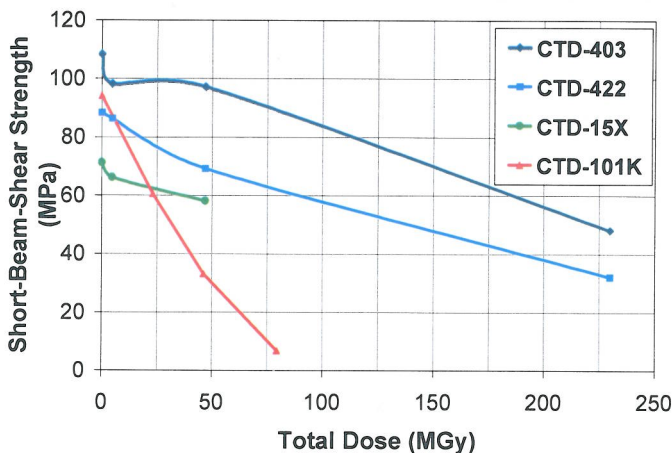


Formulations can be tailored to meet application-specific design requirements

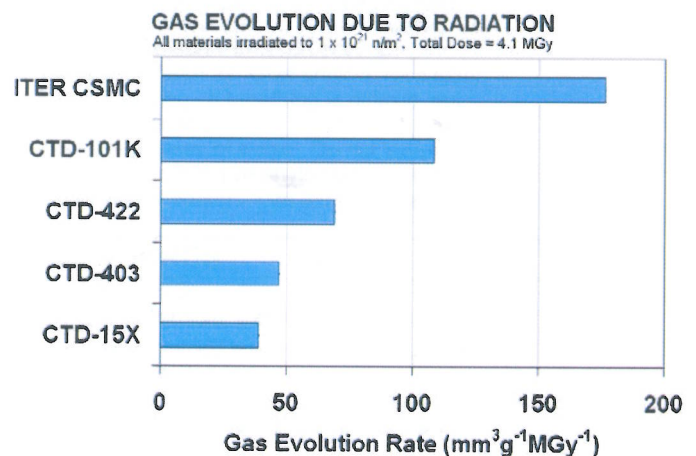
High shear and compressive strengths at cryogenic temperatures for superconducting magnet applications



Performance After Gamma and Neutron Radiation Exposure



Cyanate ester-based insulations provide significantly higher radiation resistance and lower gas evolution rates than epoxies



Insulation irradiations at Atomic Institute of Austrian Universities (ATI)

- TRIGA reactor at ATI (Vienna)
- 80% gamma, 20% neutron
- 340 K irradiation temperature

Disclaimer: The information and recommendations contained herein are based upon data believed to be accurate. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.