

Property	Units	15420P/UF
Ultimate Tensile Strength	MPa (PSI)	18.1 (2620)
Ultimate Elongation	%	800-900
Young's Modulus	MPa (PSI)	7.8 (1130)
Hardness	Shore A/D	69/21
Optical Transmission	%	93
Refractive Index		1.482
Thermal Conductivity	W-mil/ft ² -°C	9 X 10 ²
Dielectric Strength	V/mil	1600
Volume Resistivity	Ohm/cm	9.72 x 10 ¹⁴
UV Cutoff Wavelength	nm	360
Adhesion to glass	N/10 mm (lb/in)	70-88 (40-50)

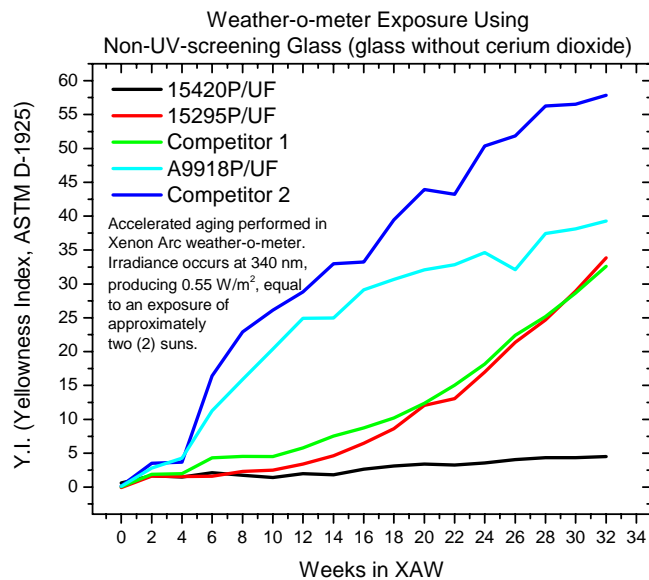


Figure. Discoloration of various STR and competitive encapsulant materials exposed to accelerated aging conditions. EVA discoloration, as measured by Yellowness Index (Y.I.), starts to be detected by the naked eye at Y.I. value of 10. 1 week in XAW approximates 1 year in the field.