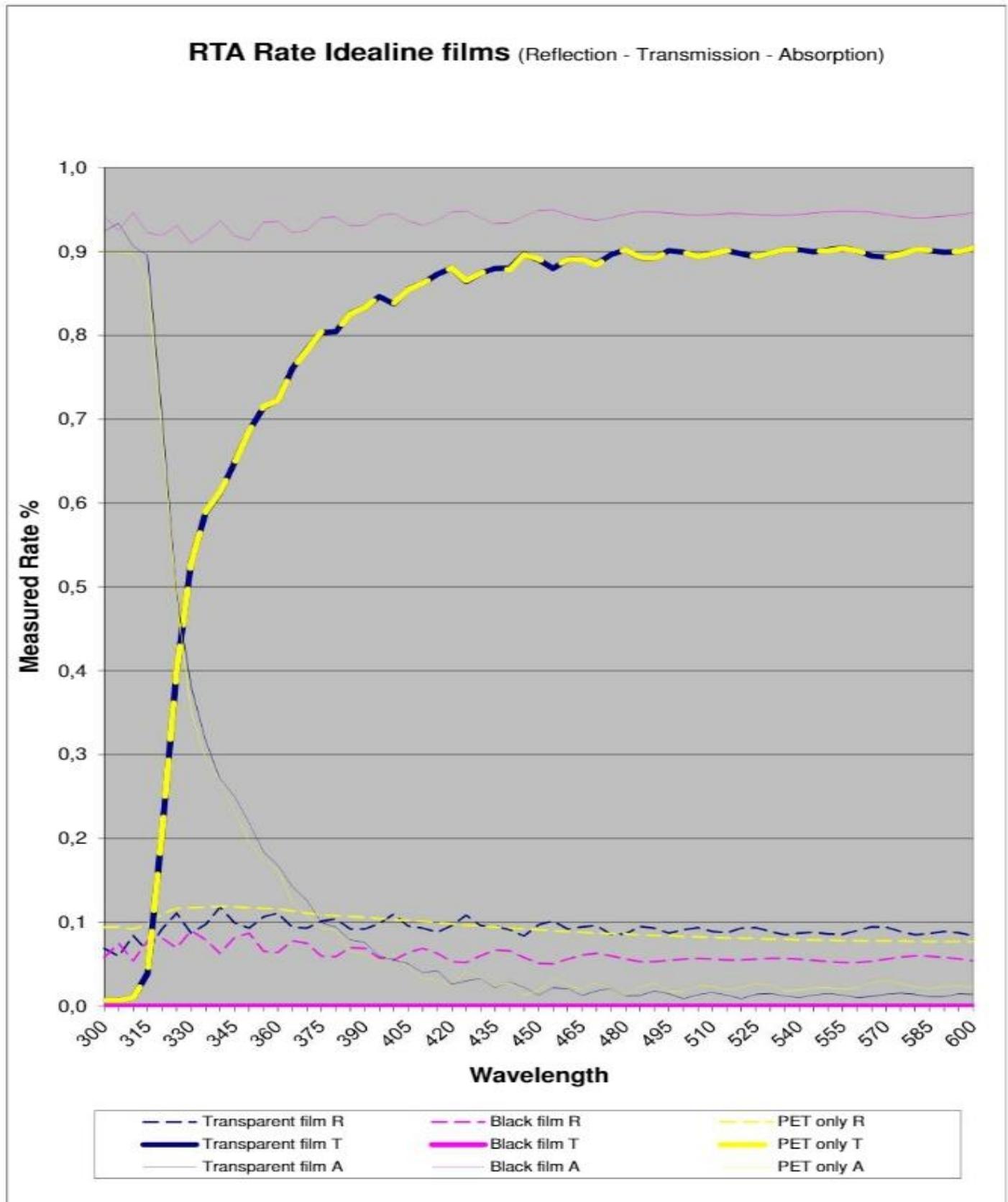


Polyester Specifications



Thermal Coefficient of Expansion (length, width)	0.001% / °F (0.0018% / °C)
Humidity Coefficient of Expansion (length, width)	0.0008% / % RH
Specific Gravity	1.39
Young's Modulus	6.8 x 10 ⁵ psi
Poisson's Ratio < 1 year at room temperature	0.25
Tensile Strength Yield ASTM D882-67	13,500 psi
Tensile Strength Break ASTM D882-67	25,600 psi
Elongation at Yield ASTM D882-67	5.5%
Elongation at Break ASTM D882-67	115%
Tear Strength Initiation Graves Tear ASTM D1004-06	24 lbs.
Tear Strength Propagation Tongue Tear ASTM D1938-67	0.5 lbs.
Toughness ASTM D882-67	21,500 lb. / cubic inch
Refractive Index at wavelength 589 nm	N = 1.50 Vertical axis through thickness N = 1.64 Width direction in plane of sheet N = 1.66 Length direction in plane of sheet