Product Info.: *CLEARVIEW™ & CLEARVIEW™ WITH A/R 2 SIDES*

9/03

Physical Properties

Modulus of Elasticity (Young's)	7.2 x 1010 Pa	(10.4 x 106 psi)
Modulus of Rigidity (Shear)	3.0 x 1010 Pa	(4.3 x 106 psi)
Bulk Modulus	4.3 x 1010 Pa	(6.18 x 106 psi)
Poisson's Ration	0.23	
Specific Gravity	2.53	
Density	2530 kg/m^3	(158 lb/ft^3)
Coefficient of Thermal Stress	0.62 mPa/°C	(50 psi/°F)
Thermal Conductivity	0.937 W.m/m^2°C	(6.5 btu.in/hr.°F.ft^2)
Specific Heat	0.21	
Coefficient of Linear Expansion	8.9 x 10^{-6} strain/°C	(4.9 x 10^{-6} strain/°F)
Hardness (Moh's Scale)	5 to 6	
Refractive Index (Sodium D line)	1.523	
(1 µm)	1.511	
(2 µm)	1.499	
Softening Point	1340°F (726°C)	
Annealing Point	1015°F (546°C)	
Strain Point	957°F (514°C)	
Emissivity (Hemispherical) at 75°F	0.84