

Hyperion Catalysis

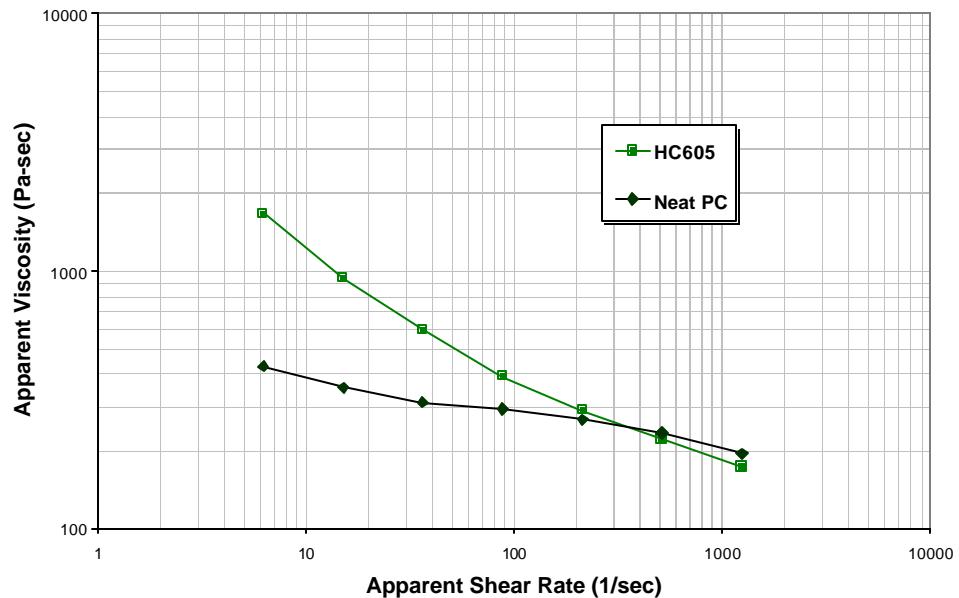
THE LEADER IN NANOTUBE TECHNOLOGY

Select Properties for HC605 Polycarbonate (PC) Compound

Compound Viscosity

HC605 will process very much like unfilled PC. The chart below shows that at shear rates found in injection molding (greater than 100 1/sec) the viscosity of HC605 is only slightly higher than unfilled PC.

Capillary Rheometer Data
300 C



Compound Surface Cleanliness

HC605 has been formulated to give very low particle sloughing as measured by Liquid Particle Count (LPC). In this method injection molded samples are suspended in filtered deionized water and subjected to ultrasonic vibration. The suspended particles are measured by a liquid particle counter.

Particles Larger Than 0.5 Microns by LPC

