

Modified Polyphenylene Oxide

Modified Polyphenylene Oxide - (Noryl® from GE Plastics)

Modified PPO is a blend of PPO and Styrene combining excellent toughness, thermal, mechanical and electrical properties. Modified PPO formulations have high creep resistance, excellent dimensional stability and low moisture absorption. Specialty formulations - include glass filled, flame retardant and heat stabilized grades. Modified PPO is widely used for electronics components, appliance housings, pump housings, impellers, personal computer components, lighting and many other mechanical, industrial and appliance applications.

Tensile Strength at Break - lbs. / sq. in.:	9.6 x 10 ²
Dielectric Strength - V /10/3 in.:	500
Heat Deflection Temperature - 264 psi:	265F / 129 C
Elongation % at Break:	60
Comparative Cost:	Moderate / High