

Product Texts

NORYL™ PPE 646 resin is a high molecular weight polymer based on Polyphenylene Ether (PPE). This material is intended for use as an additive or a building block in a variety of thermoplastics and thermoplastic elastomers such as Styrenic Block Copolymers. PPE powder can be used to improve properties (i.e. Heat Distortion and Creep Resistance). It is hydrolytically stable and non-hydroscopic (typically less than 0.2% water uptake). The polymer is soluble in common organic solvents like toluene, chloroform, and THF. Chemical name: Poly (2,6-dimethyl-, 1,4-phenylene ether) (PPE) Formula: (C₈H₈O)_n Regulatory Status: Complies with the FDA regulation 21CFR 177..2460. Also complies with EU Directive 2002/72/EC.

Other properties	Value	Unit	Test Standard
Intrinsic Viscosity	0.46	dl/g	-
Bulk density	465	kg/m ³	-

Characteristics**Certifications**

Food contact, Food approval FDA 21 CFR

Regional Availability

North America