

**Product Texts**

NORYL™ 6390H resin concentrate is a non-reinforced blend of polyphenylene ether (PPE) + high impact polystyrene (HIPS). This material is in granule form and is optimized for blending with polystyrene resins. NORYL 6390H resin may be an excellent candidate in microwavable food packaging applications. This product is not certified per food contact regulations in US + EUR. Certification would be dependent on end-part testing.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	10	cm <sup>3</sup> /10min	ISO 1133
Temperature	280	°C	-
Load	21.6	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2500	MPa	ISO 527
Yield stress	81	MPa	ISO 527
Yield strain	5	%	ISO 527
Stress at break	77	MPa	ISO 527
Strain at break	7	%	ISO 527
Flexural modulus	2600	MPa	ISO 178
Izod notched impact strength, +23°C, 4mm	5	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength, -30°C, 4mm	5	kJ/m <sup>2</sup>	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	165	°C	ISO 75-1/-2
Vicat softening temperature, 120°C/h 50N	191	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1070	kg/m <sup>3</sup>	ISO 1183

**Characteristics**

**Certifications**

Food contact

**Regional Availability**

Europe