

**Product Texts**

NORYL™ EM7304F resin is a 15% glass reinforced blend of polyphenylene ether (PPE) + high impact polystyrene (HIPS). This injection moldable grade has enhanced polyurethane foam adhesion and high flow along with creep resistance, dimensional stability, and hydrolytic stability. NORYL EM7304F resin is an excellent candidate for automotive interior applications such as instrument panel retainers.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Break	77	MPa	ASTM D 638
Elongation at Break	2	%	ASTM D 638
Izod Impact notched, 1/8 in	64	J/m	ASTM D 256

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	1150	kg/m <sup>3</sup>	ASTM D 792

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	100 - 105	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	270 - 300	°C	-
Mold temperature	65 - 95	°C	-
Zone 1	240 - 290	°C	-
Zone 2	250 - 295	°C	-
Zone 3	260 - 300	°C	-
Screw speed	20 - 100	rpm	-
Back pressure	0.3 - 0.7	MPa	-

**Characteristics**

**Processing**

Injection Molding

**Applications**

Automotive

**Chemical Resistance**

Hydrolytically Stable

**Regional Availability**

Asia Pacific