

**OMNIPRO® HPP GRC40 LG**
*Celanese Corporation - Polypropylene*
**General Information**
**Product Description**

Preliminary Datasheet.

**General**

Material Status	• Commercial: Active
Availability	• Africa & Middle East      • Europe • Asia Pacific                      • Latin America                      • North America
Filler / Reinforcement	• Glass Fiber, 40% Filler by Weight
Part Marking Code (ISO 11469)	• >PP-GF40<
Resin ID (ISO 1043)	• PP-GF40

**Properties <sup>1</sup>**

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density	1.24	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
<b>Mechanical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Stress (Break)	14500	psi	ISO 527-2/5
Tensile Strain (Break)	3.0	%	ISO 527-2/5
Flexural Modulus	1.45E+6	psi	ISO 178
Flexural Stress	23200	psi	ISO 178
<b>Impact</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Charpy Unnotched Impact Strength (73°F)	7.1	ft·lb/in <sup>2</sup>	ISO 179/1eU

**Notes**
<sup>1</sup> Typical properties: these are not to be construed as specifications.
