

**Ferro PE RPE10HW14BK**

PE-GF10

LyondellBasell Industries

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>5.8</b>	g/10min	ASTM D 1238
Temperature	<b>190</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>31</b>	MPa	ASTM D 638
Elongation at Break	<b>12</b>	%	ASTM D 638
Flexural Modulus	<b>1410</b>	MPa	ASTM D 790
Gardner Impact	<b>7.01</b>	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	<b>64</b>	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	<b>340</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>116</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>71.1</b>	°C	ASTM D 648
<b>Other properties</b>			
Density	<b>1020</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Pellets, Black

**Regional Availability**

North America, South and Central America