

**Ryton® QC210N**

PPS

Syensqo

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	130	g/10min	ASTM D 1238
Temperature	316	°C	-
Load	5	kg	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength	85	MPa	ASTM D 638
Elongation at Break	10	%	ASTM D 638
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	285	°C	ISO 11357-1/-3
<b>ASTM Data</b>			
DTUL @ 264 psi	105	°C	ASTM D 648
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Dielectric Strength, Short Time	24	kV/mm	ASTM D 149
Dissipation Factor, 1 MHz	0.002	-	ASTM D 150
Dielectric Constant, 1 MHz	3.2	-	ASTM D 150
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
<b>Other properties</b>			
Water Absorption, 24hr	0.05	%	ASTM D 570
Density	1350	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Fiber Extrusion

**Delivery form**

Powder

**Features**

Thermal Stability

**Chemical Resistance**

General Chemical Resistance

**Applications**

Monofilament, Multifilament

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa