

Ryton® QC220N

PPS

Syensqo

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	170	g/10min	ASTM D 1238
Temperature	316	°C	-
Load	5	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength	85	MPa	ASTM D 638
Elongation at Break	10	%	ASTM D 638
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	285	°C	ISO 11357-1/-3
ASTM Data			
DTUL @ 264 psi	105	°C	ASTM D 648
Electrical properties			
ASTM Data			
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
Other properties			
Water Absorption, 24hr	0.05	%	ASTM D 570
Density	1350	kg/m ³	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