

Veradel® 3300 ULT

PESU

Syensqo

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	30	g/10min	ASTM D 1238
Temperature	380	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data	Value	Unit	Test Standard
Tensile Modulus	2690	MPa	ASTM D 638
Tensile Strength	88.9	MPa	ASTM D 638
Elongation at Yield	6.5	%	ASTM D 638
Flexural Modulus	2620	MPa	ASTM D 790
Flexural Strength	125	MPa	ASTM D 790
Izod Impact notched, 1/8 in	53	J/m	ASTM D 256
Thermal properties			
ASTM Data	Value	Unit	Test Standard
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
Coefficient of Thermal Expansion, MD	52	E-6/K	ASTM D 696
Electrical properties			
ASTM Data	Value	Unit	Test Standard
Dielectric Strength, Short Time	15	kV/mm	ASTM D 149
Dissipation Factor, 60 Hz	0.0017	-	ASTM D 150
Dissipation Factor, 1 MHz	0.0056	-	ASTM D 150
Dielectric Constant, 60 Hz	3.51	-	ASTM D 150
Dielectric Constant, 1 MHz	3.54	-	ASTM D 150
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
Other properties			
Value	Unit	Test Standard	
Water Absorption, 24hr	0.5	%	ASTM D 570
Density	1370	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Value	Unit	Test Standard	
Pre-drying - Temperature	177	°C	-
Pre-drying - Time	2.5	h	-
Melt temperature	343 - 385	°C	-
Mold temperature	149 - 163	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Flame retardant, Heat stabilized or stable to heat, Transparent

Features

Creep Resistance, Good Adhesion, Thermal Stability

Chemical Resistance

Acid Resistance, General Chemical Resistance, Hydrolytically Stable

Certifications

Food contact, Food approval FDA 21 CFR

Applications

General Purpose

Regional Availability

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