

ESD A 2100

PEI

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	4137	MPa	ASTM D 638
Tensile Strength	72.4	MPa	ASTM D 638
Flexural Modulus	4482	MPa	ASTM D 790
Flexural Strength	165	MPa	ASTM D 790
Electrical properties			
ASTM Data			
Surface Resistivity	9.9E8	Ohm	ASTM D 257
Volume Resistivity	9.9E6	Ohm*cm	ASTM D 257
Other properties			
Density	1340	kg/m ³	ASTM D 792
Moisture Content	0.04	%	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	149	°C	-
Pre-drying - Time	4	h	-
Melt temperature	354 - 399	°C	-

Characteristics**Processing**

Other Extrusion

Regional Availability

North America, Europe, Asia Pacific