

**Lexlon PC S300 UV WH**

PC

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	15	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2200	MPa	ISO 527
Tensile Strength	60	MPa	ISO 527
Strain at break	10	%	ISO 527
Izod notched impact strength, +23°C	50	kJ/m <sup>2</sup>	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	122	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	135	°C	ISO 75-1/-2
Burning behav. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	2.0	mm	-
Glow Wire Flammability Index (GWFI)	875	°C	IEC 60695-2-12
GWFI - thickness tested (1)	2	mm	-
<b>ASTM Data</b>			
Vicat Temperature	68	°C	ASTM D 1525

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Comparative tracking index	250	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	1200	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.02	%	-
Mold temperature	80 - 120	°C	-
Feed temperature	60 - 70	°C	-
Zone 1	230 - 240	°C	-
Zone 2	240 - 260	°C	-
Zone 3	260 - 270	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

White

**Special Characteristics**

U.V. stabilized or stable to weather

**Certifications**

Recycled Resin Content

**Regional Availability**

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