

Xytron™ U1535E

PPS-I

Unreinforced, Extrusion

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<i>PROPERTIES</i>	<i>TYPICAL DATA</i>	<i>UNIT</i>	<i>TEST METHOD</i>
MECHANICAL PROPERTIES			
	<i>VALUE</i>		
Tensile modulus	1550	MPa	ISO 527-1/-2
Stress at break	40	MPa	ISO 527-1/-2
Strain at break	>50	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	68	kJ/m ²	ISO 179/1eA
Charpy notched impact strength (-30°C)	9.2	kJ/m ²	ISO 179/1eA
THERMAL PROPERTIES			
	<i>VALUE</i>		
Melting temperature (10°C/min)	280	°C	ISO 11357-1/-3
Burning Behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Burning Behav. at 3.0 mm nom. thickn.	HB	class	IEC 60695-11-10
ELECTRICAL PROPERTIES			
	<i>VALUE</i>		
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
OTHER PROPERTIES			
	<i>VALUE</i>		
Density	1200	kg/m ³	ISO 1183

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