



Tarnoform® 300 G2			
POM-X10			Grupa Azoty S.A.
Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	6.5	cm³/10min	ISO 1133
Temperature	190	°C	ISO 1133
Load	2.16	kg	ISO 1133
Melt flow index, MFI	7	g/10min	ISO 1133
MFI temperature	190	°C	ISO 1133
MFI load	2.16	kg	ISO 1133
Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2300	MPa	ISO 527-1/-2
Yield stress	45	MPa	ISO 527-1/-2
Yield strain	10	%	ISO 527-1/-2
Strain at break	15	%	ISO 527-1/-2
Charpy impact strength (+23°C)	40	kJ/m²	ISO 179/1eU
Charpy notched impact strength (+23°C)	2	kJ/m²	ISO 179/1eA
Flexural modulus (23°C)	2000	MPa	ISO 178
Izod Impact notched, 23°C	2	kJ/m²	ISO 180/1A
Ball indentation hardness	105	MPa	ISO 2039-1
Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature (10°C/min)	167	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	90	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	135	°C	ISO 306
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.2	mm	IEC 60695-11-10
Other properties	Value	Unit	Test Standard
ISO Data			
Density	1330	kg/m³	ISO 1183
Characteristics			
Processing		Features	
Injection Molding		Low Coefficient of Friction, Copolymer	
Delivery form			
Granules, Black, Natural Color			