



Tarnoform® 300 WD					
POM					
Rheological properties		Value	Unit		
ISO Data					
Melt volume-flow rate, MVR	8	cm ³ /10min	ISO 1133		
Temperature	190	°C	ISO 1133		
Load	2.16	kg	ISO 1133		
Melt flow index, MFI	9	g/10min	ISO 1133		
MFI temperature	190	°C	ISO 1133		
MFI load	2.16	kg	ISO 1133		
Mechanical properties		Value	Unit		
ISO Data					
Tensile Modulus	2700	MPa	ISO 527-1/-2		
Yield stress	60	MPa	ISO 527-1/-2		
Yield strain	9	%	ISO 527-1/-2		
Strain at break	40	%	ISO 527-1/-2		
Charpy impact strength (+23°C)	180	kJ/m ²	ISO 179/1eU		
Charpy notched impact strength (+23°C)	6	kJ/m ²	ISO 179/1eA		
Flexural modulus (23°C)	2300	MPa	ISO 178		
Izod Impact notched, 23°C	6	kJ/m ²	ISO 180/1A		
Ball indentation hardness	145	MPa	ISO 2039-1		
Thermal properties		Value	Unit		
ISO Data					
Melting temperature (10°C/min)	167	°C	ISO 11357-1/-3		
Temp. of deflection under load (1.80 MPa)	110	°C	ISO 75-1/-2		
Vicat softening temperature, 50°C/h 50N	145	°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		
ISO Data					
Humidity absorption	0.2	%	Sim. to ISO 62		
Density	1410	kg/m ³	ISO 1183		
Characteristics					
Processing		Features			
Injection Molding		Copolymer			
Delivery form					
Granules, Black, Natural Color					