



ArtPYLEN HP 20TA

Technical Data Sheet (no 01.2016)

Property	Test method	Test condition	Unit	Value
PHYSICAL				
Melting point	ISO 11357-1-3	10°C/min	°C	168
Density	ISO 1183		g/cm ³	1,05
Melt flow index	ISO 1133	250°C/2,16kg	g/10min	18
Humidity absorption	ISO 62	23°C/50%RH	%	<0,1
Water absorption	ISO 62	23°C	%	<0,2
Mold shrinkage	ISO 294	60x60x2	%	1,1-1,4
Granule moisture			%	<0,20
MECHANICAL				
Tensile strength	ISO 527	5mm/min	MPa	32
Tensile strain at yield	ISO 527	5mm/min	%	4
Tensile E-modulus	ISO 527	1mm/min	MPa	2750
Charpy notched impact strength	ISO 179	23°C	kJ/m ²	2,5
THERMAL				
Heat deflection temperature	ISO 75	0,45MPa	°C	
Vicat softening point	ISO 306	50N	°C	
FLAMMABILITY				
Flammability	UL94	1,5 mm	Klasa	HB

- CHARACTERISTICS:** ArtPYLEN HP 20TA is polypropylene homopolymer with 20% talc. Contains lubricating (release) agent and antioxidants for processing stabilization.
- APPLICATIONS:** Injection molding compound
- PROCESSING:** Melt temperature: 200-240°C Mold temperature: 30-60°C
- DRYING:** Recommended if the pellets are moist
Time: 2-3 h Temp.: 60°C
- PHYSICAL FORM:** Pellets
- COLOR:** natural (gray)
- RECYCLING:** Clean, milled, not degraded, post-production waste can be reused mixed with original polymer at the maximum level of 30%.
- PACKAGING:** PE bags 25kg, Big-bags up to 1000kg net weight

