



## ArtPYLEN HP 40TA

Technical Data Sheet (no 01.2016)

Property	Test method	Test condition	Unit	Value
<b>PHYSICAL</b>				
Density	ISO 1183		g/cm <sup>3</sup>	1,25
Melt flow index	ISO 1133	250°C/2,16kg	g/10min	>8
Humidity absorption	ISO 62	23°C/50%RH	%	<0,1
Water absorption	ISO 62	23°C	%	<0,2
Mold shrinkage	ISO 294	60x60x2	%	0,7-1,1
Granule moisture			%	<0,20
<b>MECHANICAL</b>				
Tensile strength	ISO 527	5mm/min	MPa	32
Tensile strain at brake	ISO 527	5mm/min	%	>5
Tensile E-modulus	ISO 527	1mm/min	MPa	3600
Charpy notched impact strength	ISO 179	23°C	kJ/m <sup>2</sup>	3,5
<b>TERMAL</b>				
Heat deflection temperature	ISO 75	0,45MPa	°C	147
Vicat softening point	ISO 306	50N	°C	
<b>FLAMMABILTY</b>				
Flammability	UL94	1,5 mm	Klasa	HB

**CHARACTERISTICS:** ArtPYLEN HP 40TA is polypropylene homopolymer with 40% 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

