

ArtPYLEN HP 15TA

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	1,02
Melt flow index	ISO 1133	250°C/2,16kg	g/10min	24
Humidity absorption	ISO 62	23°C/50%RH	%	<0,1
Water absorption	ISO 62	23°C	%	<0,2
Mold shrinkage	ISO 294	60x60x2	%	1,2-1,5
Granule moisture			%	<0,20
MECHANICAL				
Tensile strength	ISO 527	5mm/min	MPa	32
Tensile strain at yield	ISO 527	5mm/min	%	3,5
Tensile E-modulus	ISO 527	1mm/min	MPa	2500
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 15TA is polypropylene homopolymer with 15% 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

