

ArtPYLEN HP 30GF

Technical Data Sheet (no 01.2016)

Property	Test method	Test condition	Unit	Value
PHYSICAL				
Density	ISO 1183		g/cm ³	1,13
Melt flow index	ISO 1133	250°C/2,16kg	g/10min	5
Humidity absorption	ISO 62	23°C/50%RH	%	<0,1
Water absorption	ISO 62	23°C	%	<0,2
Mold shrinkage II	ISO 294	60x60x2	%	0,2-0,4
Mold shrinkage ⊥	ISO 294	60x60x2	%	0,7-0,9
Granule moisture			%	<0,20
MECHANICAL				
Tensile stress at break	ISO 527	5mm/min	MPa	88
Elongation at brake	ISO 527	5mm/min	%	3
Tensile E-modulus	ISO 527	1mm/min	MPa	6500
Charpy notched impact strength	ISO 179	23°C	kJ/m ²	10
TERMAL				
Heat deflection temperature	ISO 75	1,8MPa	°C	154
Vicat softening point	ISO 306	50N	°C	133
FLAMMABILTY				
Flammability	UL94	1,5 mm	Klasa	HB

CHARACTERISTICS: ArtPYLEN HP 30GF is polypropylene homopolymer with 30% glass fiber, chemically coupled. Contains lubricating (release) agent and antioxidants for processing stabilization.

APPLICATIONS: Injection molding compound

PROCESSING: Melt temperature: 200-260°C Mold temperature: 30-70°C

DRYING: Recommended if the pellets are moist
Time: 2-3 h Temp.: 60-70°C

PHYSICAL FORM: Pellets

COLOR: Natural

RECYCLING: Clean, milled, not degraded, post-production waste can be reused mixed with original polymer at the maximum level of 25%.

PACKAGING: PE bags 25kg, Big-bags up to 1000kg net weight

