



ArtPYLEN HP 20CA

Technical Data Sheet (no 01.2016)

Property	Test method	Test condition	Unit	Value
PHYSICAL				
Density	ISO 1183		g/cm ³	1,05
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	%	1,4-1,8
Granule moisture			%	<0,20
MECHANICAL				
Tensile strength	ISO 527	5mm/min	MPa	28
Tensile strain at break	ISO 527	5mm/min	%	>50
Tensile E-modulus	ISO 527	1mm/min	MPa	2100
Charpy notched impact strength	ISO 179	23°C	kJ/m ²	2,5
THERMAL				
Heat deflection temperature	ISO 75	1,8MPa	°C	62
Vicat softening point	ISO 306	50N	°C	
FLAMMABILITY				
Flammability	UL94	1,5 mm	Klasa	HB

- CHARACTERISTICS:** ArtPYLEN HP 20CA is polypropylene homopolymer with 20% calcium carbonate. 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 godz. Temp.: 60°C
- PHYSICAL FORM:** Pellets
- COLOR:** natural (beige)
- 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

