

## Vision PPC GRY 1506

PP Copolymer for injection moulding

### Product description

PP Copolymer light grey (RAL 7001), based on industrial/post consumer feedstocks.

### Main applications

Injection moulding technical parts

### Characteristics

Balanced impact/stiffness performance

### Areas of use

Crates, transport boxes

PROPERTIES	TEST METHOD	VALUE <sup>1)</sup>	UNIT
<b>Physical</b>			
MFI (230°C/2.16kg)	ISO 1133	15 (± 4)	g/10min
DENSITY	DIN 53479 (D)	0,91 - 0,95	g/cm <sup>3</sup>
<b>Mechanical</b>			
FLEXURAL MODULUS (v = 5 mm/min)	ISO 178	> 1200	Mpa
TENSILE STRENGTH AT YIELD (v = 50 mm/min)	ISO R 527	> 23	Mpa
CHARPY NOTCHED IMPACT	ISO 179/2C at 23°C	> 8	kJ/m <sup>2</sup>
	ISO 179/1eA	> 5	kJ/m <sup>2</sup>
FALLING WEIGHT IMPACT	ASTM D3029	> 4	J
SHORE D HARDNESS (3sec)	ISO 868	64 - 68	
<b>Additional properties</b>			
Colour difference to agreed standard standard: production sample 16/3/16	colour value brightness : L = 63,31	Cielab D65 : dL	< 1,5
	colour value green-red : a = - 2,27	Cielab D65 : dA	< 1
	colour value blue-yellow : b = - 4,06	Cielab D65 : dB	< 1
MELT FILTRATION SIZE		300	µm
ASH RESIDUE	INTERNAL	< 5	%
RECYCLED POLYMER CONTENT	-	> 95	%
MOISTURE CONTENT (date of loading)	120° / 2 min	< 0,15	%

The data and results mentioned in this document are provided for the sake of general information of our customers and are given to our best knowledge and may be changed without notice. The Values show typical average data, based on an appropriate number of individual measurements made on the product. Therefore they can not be considered as specification. Before using a Veolia compound, customers and other users should make their own independent determination that the product is suitable for the intended use. We **DO NOT** recommend our materials for toys or for applications that involve food contact or human oral contact or for medical applications.

<sup>1)</sup> Typical values, not to be considered as specifications.