

Vision PPC Graphite 4004

Product description

PP Copolymer MFI 40, based on post consumer and post industrial feedstock

Characteristics

Easy flow and good impact/stiffness balance, tailor made colours

The product does not contain UV stabilisation.

PROPERTY	TEST METHOD	VALUE ¹⁾	UNIT	
Physical				
MFI (230°C/2.16kg)	ISO 1133	36 - 44	g/10min	
DENSITY	DIN 53479 (D)	0,91 - 0,95	g/cm ³	
Mechanical				
FLEXURAL MODULUS	ISO 178	1000 - 1300	Mpa	
CHARPY NOTCHED IMPACT	ISO 179-1/ 1eA 23°C	> 3,5	kJ/m ²	
CHARPY NOTCHED IMPACT	ISO 179/2C at 23°C	> 5,8	kJ/m ²	
FALLING WEIGHT IMPACT	ASTM D3029	> 1,5	J	
Hardness				
SHORE D HARDNESS (3sec)	ISO 868	65 - 69		
Additional properties				
Colour difference to agreed standard	dL	Cielab D65	< 0,8	-
	dA	Cielab D65	< 0,5	-
	dB	Cielab D65	< 0,5	-
	dE	Cielab D65	< 1	-
ASH RESIDUE	INTERNAL	< 5	%	
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.

¹⁾ Typical values, not to be considered as specifications.