

Vision PPC BL 0812 HS

PP Copolymer for injection moulding

Product description

PP Copolymer Black, based on industrial/post consumer feedstock

Main applications

Injection moulding of thick section products, technical parts which requires high toughness

Characteristics

Extreme impact performance, also at sub-zero temperatures

Areas of use

Automotive, building and construction

PROPERTIES	TEST METHOD	VALUE ¹⁾	UNIT
Physical			
MFI (230°C/2.16kg)	ISO 1133	6 - 10	g/10min
DENSITY	DIN 53479 (D)	0,90 - 0,93	g/cm ³
Mechanical			
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 179-1/ 1eA 23°C	> 10	kJ/m ²
FALLING WEIGHT IMPACT	ASTM D3029	> 10	J
SHORE D HARDNESS (3sec)	ISO 868	64 - 67	
Additional properties			
ASH RESIDUE	INTERNAL	< 4	%
OIT	INTERNAL	> 12	min./200 °C
RECYCLED POLYMER CONTENT	-	> 95	%

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.