



Vision PPC GRY 1005

PP Copolymer for injection moulding

Product description

PP Copolymer Grey, based on industrial/post consumer feedstock

Main applications

Injection moulding of thick section products, compounding.

Characteristics

good impact / stiffness balance

Areas of use

Automotive, building and construction, non food packaging (crates, boxes).

PROPERTIES	TEST METHOD	VALUE ¹⁾	UNIT
Physical			
MFI (230°C/2.16kg)	ISO 1133	8 - 12	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	> 22	Mpa
CHARPY NOTCHED IMPACT	ISO 179-1/ 1eA 23°C	> 4	kJ/m ²
	ISO 179-1/ 1eA 23°C	NA	kJ/m ²
FALLING WEIGHT IMPACT	ASTM D3029	> 3	J
SHORE D HARDNESS (3sec)	ISO 868	65 - 69	
Additional properties			
ASH RESIDUE	INTERNAL	1 - 4	%
RECYCLED POLYMER CONTENT	-	> 95	%