



CODE **CICLYLENE C2 T20C06 BKIG**

DESCRIPTION *PP COPO 20% TALC BLACK*

REV 01

ISSUED 24/07/2023

PROPERTIES	UNITS	VALUE - DAM	METHOD
PHISICAL			
SPECIFIC GRAVITY	g/cm ³	1,05	ISO 1133
MELT FLOW INDEX (230°C - 2,16 Kg)	g/10'	7-12	ISO 1133
MOINSTURE ABSORPTION 24h at 23° in H2O*	%	-	INTERNAL
MOINSTURE ABSORPTION saturation*	%	-	INTERNAL
MOULDING SHRINKAGE: ALONG FLOW*	%	0,8 – 1,3	INTERNAL
MOULDING SHRINKAGE: ACROSS FLOW*	%	0,8 – 1,3	INTERNAL
MECHANICAL			
TENSILE STRENGHT*	MPa	18	ISO 527-2
TENSILE MODULUS*	MPa	1300	ISO 527-2
FLEXURAL STRENGHT*	MPa	-	ISO 178
FLEXURAL MODULUS*	MPa	1400	ISO 178
IZOD IMPACT STRENGHT NOTCHED 23°C	KJ/m ²	6	ISO 180/A
THERMIC			
VICAT/B (50N; 120° C/h)	°C	70	ISO 306
HDT/A (1,8 Mpa)	°C	-	ISO 75-2
FLAMMABILITY			
FLAME RATING (1,6 mm – 3,2 mm)		HB	UL 94
GLOW WIRE FLAMMABILITY INDEX (1 mm)	°C	-	IEC 60695-2-12
PROCESSING			
PREDRYING TEMPERATURE	°C	40	60
PREDRYING TEMPERATURE TIME	h	3	4
RECOMMENDED MELT TEMPERATURE	°C	190	240

Compound di polipropilene (PP) riciclato realizzato con una percentuale dal 70% al 98% derivante da scarti post- consumo (PCR) della linea commerciale CICLYLENE.

Recycled polypropylene (PP) compound obtained from post-consumer waste (PCR) in the quantity between 70% and 98%, named CICLYLENE.

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