



CODE **THETALENE-C H1 GF20H08CC BK1000**

DESCRIPTION *PP HOMO 20%GF CC BLACK*

REV 01

ISSUED 24/07/2023

PROPERTIES	UNITS	VALUE - DAM		METHOD
PHISICAL				
SPECIFIC GRAVITY	g/cm ³	1,05		ISO 1183
MELT FLOW INDEX (230°C - 2,16 Kg)	g/10'	1-5		ISO 1133
MOISTURE ABSORPTION 24h at 23° in H2O*	%	-		INTERNAL
MOISTURE ABSORPTION saturation*	%	-		INTERNAL
MOULDING SHRINKAGE: ALONG FLOW*	%	0,4-1,2		INTERNAL
MOULDING SHRINKAGE: ACROSS FLOW*	%	0,4-1,2		INTERNAL
MECHANICAL				
TENSILE STRENGHT*	MPa	70		ISO 527-2
TENSILE MODULUS*	MPa	4600		ISO 527-2
FLEXURAL STRENGHT*	MPa	105		ISO 178
FLEXURAL MODULUS*	MPa	4000		ISO 178
IZOD IMPACT STRENGHT NOTCHED 23°C	KJ/m ²	8		ISO 180/A
THERMIC				
VICAT/B (50N; 120° C/h)	°C	125		ISO 306
HDT/A (1,8 Mpa)	°C	145		ISO 75-2
FLAMMABILITY				
FLAME RATING (1,6 mm – 3,2 mm)*	CLASS	HB		UL 94
GLOW WIRE FLAMMABILITY INDEX (1 mm)*	°C	-		IEC 60695-2-12
PROCESSING				
PREDRYING TEMPERATURE	°C	40	60	
PREDRYING TEMPERATURE TIME	h	2	3	
RECOMMENDED MELT TEMPERATURE	°C	210	260	

Compound di polipropilene (PP) riciclato realizzato con una percentuale minima del 30% derivante da scarti post-consumo (PCR) della linea commerciale THETALENE-C.

Recycled polypropylene (PP) compound obtained from post-consumer waste (PCR) in the minimum quantity of 30%, named THETALENE-C.

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