



CODE **THETALENE-R H1 GF30I09CC NA1000**

DESCRIPTION *PP HOMO 30%GF CC NATURAL*

REV 01

ISSUED 18/03/2021

PROPERTIES	UNITS	VALUE - DAM	METHOD
PHISICAL			
SPECIFIC GRAVITY	g/cm ³	1.13	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*	%	0,2-0,4	INTERNAL
MOULDING SHRINKAGE: ACROSS FLOW*	%	0,7-0,9	INTERNAL
MECHANICAL			
TENSILE STRENGHT*	MPa	80	ISO 527-2
TENSILE MODULUS*	MPa	6000	ISO 527-2
ELONGATION AT BREAK at 23°C *	%	3	ISO 527-1
FLEXURAL STRENGHT*	MPa	120	ISO 178
FLEXURAL MODULUS*	MPa	5700	ISO 178
IZOD IMPACT STRENGHT NOTCHED 23°C	KJ/m ²	9	ISO 180/A
THERMIC			
VICAT/B (50N; 120° C/h)	°C	130	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 la percentuale minima del 30% derivante da scarti post-industriali (PIR) della linea commerciale THETALENE R.

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



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