



CODE **EASYMID B BKIG**

DESCRIPTION **PA6 BLACK**

REV 01 ISSUED 18/03/2021

PROPERTIES	UNITS	VALUE - DAM	METHOD
<b>PHISICAL</b>			
DENSITY	g/cm <sup>3</sup>	1,14	ISO 1183
MOISTURE ABSORPTION 24h at 23° in H2O*	%	2,4-2,7	INTERNAL
MOISTURE ABSORPTION saturation*	%	7,4-7,7	INTERNAL
MOULDING SHRINKAGE: ALONG FLOW*	%	0,8-1,0	INTERNAL
MOULDING SHRINKAGE: ACROSS FLOW*	%	0,9-1,1	INTERNAL
<b>MECHANICAL</b>			
TENSILE STRENGHT*	MPa	70	ISO 527-2
TENSILE MODULUS*	MPa	2900	ISO 527-2
FLEXURAL STRENGHT*	MPa	90	ISO 178
FLEXURAL MODULUS*	MPa	2600	ISO 178
IZOD IMPACT STRENGHT NOTCHED 23°C	KJ/m <sup>2</sup>	5	ISO 180/A
<b>THERMIC</b>			
HDT/A (1,8 Mpa)	°C	70	ISO 75-2
<b>FLAMMABILITY</b>			
FLAME RATING (1,6 mm – 3,2 mm)*	CLASS	HB	UL 94
GLOW WIRE FLAMMABILITY INDEX (1 mm)*	°C	-	IEC 60695-2-12
<b>PROCESSING</b>			
PREDRYING TEMPERATURE	°C	80	90
PREDRYING TIME	h	3	4
RECOMMENDED MELT TEMPERATURE	°C	250	280

Compound di poliammide (PA) riciclato realizzato con una percentuale dal 70% al 98% derivante da scarti post-industriali (PIR) della linea commerciale EASYMID.

*Recycled polyamide (PA) compound obtained from post-industrial waste in the quantity between 70% and 98%, named EASYMID.*



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