EASY COMPOUNDS

Technical Data Sheet

CODE **EASYLENE C2 C06 BKIG**

DESCRIPTION *PP COPO BLACK*

REV 01 ISSUED 18/03/2021

PROPERTIES	UNITS	VALUE - DAM		METHOD
PHISICAL				
SPECIFIC GRAVITY	g/cm^3	0,98		ISO 1183
MELT FLOW INDEX (230°C - 2,16 Kg)	g/10'	7-12		ISO 1133
MOISTURE ABSORPTION 24h at 23° in H20*	%	-		INTERNAL
MOISTURE ABSORPTION saturation*	%	-		INTERNAL
MOULDING SHRINKAGE: ALONG FLOW*	%	1,5-2		INTERNAL
MOULDING SHRINKAGE: ACROSS FLOW*	%	1,5-2		INTERNAL
FILLER CONTENT	%	< 5		INTERNAL
MECHANICAL				
TENSILE STRENGHT*	MPa	20		ISO 527-2
TENSILE MODULUS*	MPa	-		ISO 527-2
FLEXURAL STRENGHT*	MPa	20		ISO 178
FLEXURAL MODULUS*	MPa	900		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)*	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 dal 70% al 98% derivante da scarti post-industriali (PIR) della linea commerciale EASYLENE.

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

CSI RECYCLED PLASTIC 70-98% PIR Licence RPP210117

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POWERPOL S.r.L.
Legal Office: Via Moncalieri 19/b, 10029 Villastellone (TO) - ITALY
Operative & Administration Office: Via Moncalieri 19/b, 10029 Villastellone (TO) - ITALY
VAT IT11252150013 | Cap. Soc. 10.000 euro i.v. | www.powerpol.it

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