

# Ecoblend S85 Nero

- Lega PC/ABS industriale caratterizzata da elevate proprietà termiche e da un ottimo bilancio modulo / impatto
- Grado sviluppato per lo stampaggio ad iniezione.

	Properties	Test condition	Method	Unit	Value
Rheological	Melt Flow Index	260°C / 5 kg	ASTM D1238	g/10min	15-25
Mechanical	Flexural Maximum Stress	1,3 mm/min	ASTM D790	MPa	75
	Flexural Elastic Modulus	1,3 mm/min	ASTM D790	MPa	2300
	Rockwell Hardness	23°C	ASTM D785	M-scale	115
	Izod Notched Impact Strength	23°C/3,2 mm	ASTM D256	J/m	>420
Thermal	Vicat Softening Temperature	9,8N / 120°C/h	ASTM D 1525	°C	>137
	Linear Expansion Coefficient	23°C/55°C	ISO 11359-2	10 <sup>-5</sup> K <sup>-1</sup>	7
Flame Behaviour	Glow Wire Temperature (G.W.T)	S=2.0 mm	IEC 695-2-1	°C	650
	UL 94 Rating	S=1.6 mm	UL 94	class	HB
	UL 94 Rating	S=3.2 mm	UL 94	class	HB
Various	Density		ASTM D792	g/cm <sup>3</sup>	1,16
	Humidity Content at Equilibrium	23°C / 50 % U.R.	ISO 62	%	0,2
	Moulding Shrinkage	parallel	-	%	0,4-0,8