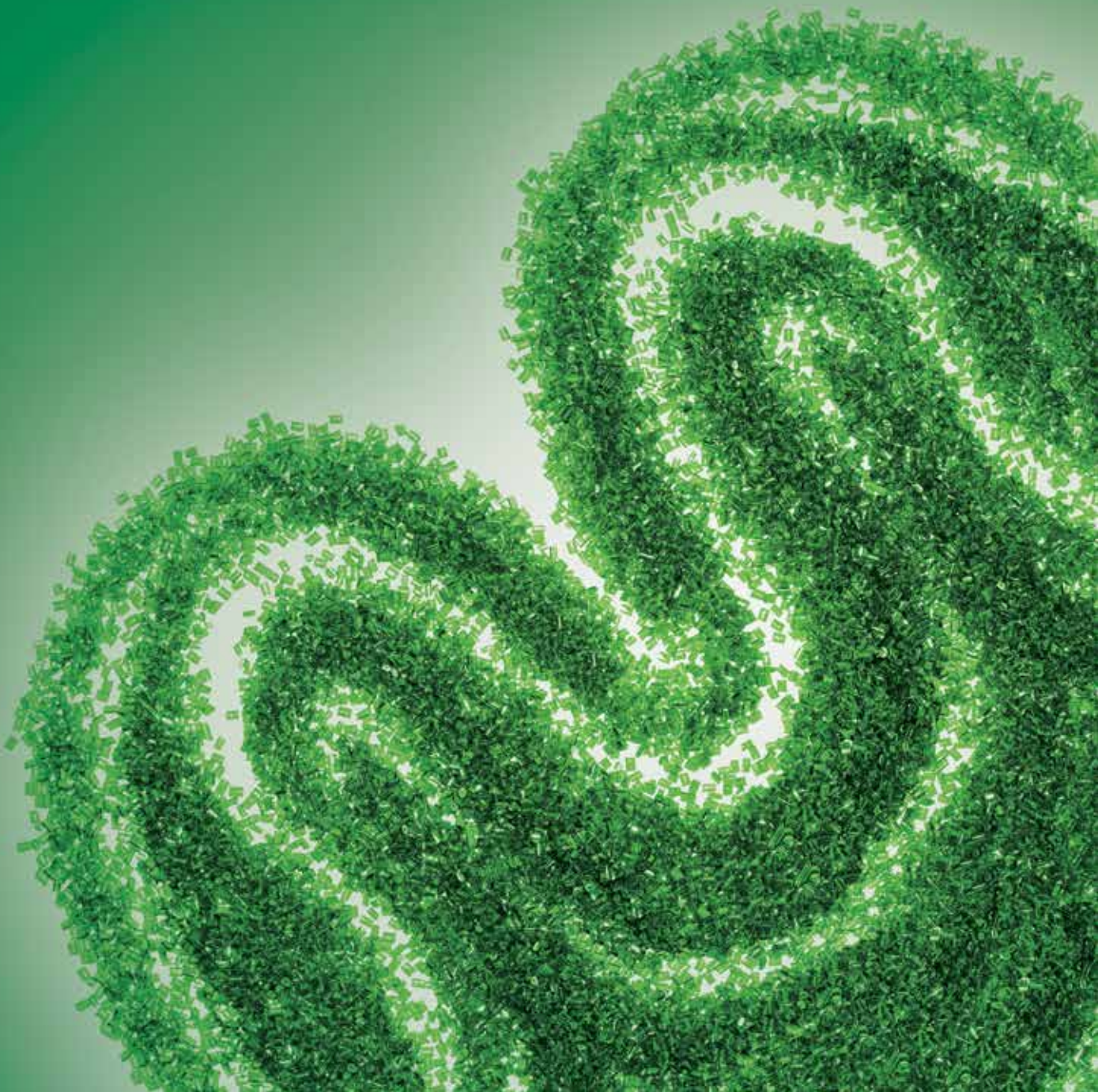


ITI POLAND
Polymers & Compounds



PROPERTY	UNIT	STANDARD	ECO MEBLEND IT 45 BK	ECO MEBLEND IT 65 BK	ECO MEBLEND IT 85 BK	
PHYSICAL	Density (23°C)	g/cm3	ASTM D 792 ISO 1183	1,12	1,13	1,14
	MFI	g/10 min	ASTM D 1238 ISO 1133	15	15	15
	MFI condition	°C/kg	ASTM D 1238 ISO 1133	260/5	260/5	260/5
	Shore	-	ASTM D 2240 ISO 868	-	-	-
	Shore condition	A/D	ASTM D 2240 ISO 868	-	-	-
	Water absorption (24h/23°C)	%	ASTM D 570 ISO 62	0,25	0,25	0,25
	Water absorption (saturation)	%	ASTM D 570 ISO 62	0,6	0,6	0,6
	Filler content	%	ASTM D 2584 ISO 3451	-	-	-
	Mould Shrinkage (parallel)	%	ASTM D 955 ISO 294-4	0,6	0,6	0,6
MECHANICAL	Izod impact (notch / 23°C) - dry/cond	J/m	ASTM D 256 ISO 180/1A	300	450	500
	Izod impact (notch / 0°C) - dry/cond	J/m	ASTM D 256 ISO 180/1A	200	350	400
	Tensile yield strenght - dry/cond	N/mm2	ASTM D 638 ISO 527-2	42	46	50
	Tensile yield strain - dry/cond	%	ASTM D 638 ISO 527-2	-	-	-
	Tensile break strenght - dry/cond	N/mm2	ASTM D 638 ISO 527-2	-	-	-
	Elongation at break - dry/cond	%	ASTM D 638 ISO 527-2	30	50	60
	Tensile modulus - dry/cond	N/mm2	ASTM D 638 ISO 527-2	2200	2300	2400
	Flexural modulus - dry/cond	N/mm2	ASTM D 790 ISO 178	2200	2300	2400
THERMAL	HDT (0,455 Mpa)	°C	ASTM D 648 ISO 75-2	-	-	-
	HDT (1820 Mpa)	°C	ASTM D 648 ISO 75-2	100	110	115
	VICAT (10 N)	°C	ASTM D 1525 ISO 306	120	130	135
	VICAT (50 N)	°C	ASTM D 1525 ISO 306	114	118	126
	Melting temperature (DSC)	°C	ASTM D 3418 ISO 3146	-	-	-
FR	Flame behaviour	-	UL94	-	-	

> ECO MEBLEND IT 45 BK
 PC/ABS blend standard grade. General purpose. Easy moulding and good technical properties. Black.

> ECO MEBLEND IT 65 BK
 PC/ABS blend medium impact. General purpose. Easy moulding and good technical properties. Black.

> ECO MEBLEND IT 85 BK
 PC/ABS blend high impact. General purpose. Easy moulding and good technical properties. Black.



ECO compounds are made utilizing 30% of recycled polymers at least. These products are certified by CSI CERT and branded with "CSI Recycled plastic"

