



PROPERTY	UNIT	STANDARD	I18 F40 BK	I18 F50 BK	IS Z70 BK	IS Z90 BK
Density (23°C)	g/cm ³	ISO 1183	1,46	1,55	1,05	1,05
MFI	g/10 min	ISO 1133	-	-	?	?
MFI condition	°C/kg	ISO 1133	-	-	200/5	200/5
Shore	-	ISO 868	-	-	75	75
Shore condition	A/D	ISO 868	-	-	D	D
Water absorption (24h/23°C)	%	ISO 62	1,6	1,4	-	-
Water absorption (saturation)	%	ISO 62	5,1	4,5	-	-
Filler content	%	ISO 3451	40	50	-	-
Mould Shrinkage (parallel)	%	ISO 294-4	0,3	1,15	0,3/0,7	0,3/0,7
Izod impact (notch / 23°C) - dry/cond	J/m	ISO 180/1A	80/100	100/130	?	9
Izod impact (notch / 0°C) - dry/cond	J/m	ISO 180/1A	8,7	10,5	-	-
Tensile yield strenght - dry/cond	N/mm ²	ISO 527-2	-	-	-	-
Tensile yield strain - dry/cond	%	ISO 527-2	-	-	21	18
Tensile break strenght - dry/cond	N/mm ²	ISO 527-2	185/155	215/185	-	-
Elongation at break - dry/cond	%	ISO 527-2	2,55	2	30	40
Tensile modulus - dry/cond	N/mm ²	ISO 527-2	10600/7200	12500/10000	2300	1800
Flexural modulus - dry/cond	N/mm ²	ISO 178	9100/6300	11000/8200	2100	2000
HDT (0,455 Mpa)	°C	ISO 75-2	227	230	-	-
HDT (1820 Mpa)	°C	ISO 75-2	230	235	78	74
VICAT (10 N)	°C	ISO 306	-	-	-	-
VICAT (50 N)	°C	ISO 306	235	240	85	82
Melting temperature (DSC)	°C	ISO 11357	260	260	-	-

> ECO MEYTEL I18 F40 BK

Polyamide copolymer glass fibre reinforced 40%. General purpose, black. H: heat stabilized.

> ECO MEYTEL I18 F50 BK

Polyamide copolymer glass fibre reinforced 50%. General purpose, black. H: heat stabilized.

> ECO MEPRON IS Z70

Polystyrene standard impact modified for injection moulding. General porpouse. Natural, all colour.

> ECO MEPRON IS Z90

Polystyrene standard high impact for injection moulding. General porpouse. Natural, all colour.



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

