



ECOYADI-2 SP.ZO.O

**PA6 GF30% BK 8810
TDS**



Properties	ISO Test Method	Test Condition	Unit	PA6 GF30% BK
Melt Flow Index	1133	260°C × 5KG	ml/10 min	18 ± 3
Density	1183	23 °C	g/cm ³	1420
Tensile Strength	527	50 mm/min, yield	MPa	N
		50 mm/min, break	MPa	150
Tensile Elongation	527	50 mm/min	%	2
Flexural Strength	178	2 mm/min	MPa	200
Flexural Modulus		2 mm/min	GPa	6000
Izod Impact Strength	180/1A	23°C , Notched	KJ/m ²	8
		-30°C , Notched	KJ/m ²	
Charpy Impact Strength	179	23 °C Notched	KJ/m ²	N
		-30 °C Notched	KJ/m ²	N
Vicat Softening Temp.	306	1 Kg, 50 °C/hr	°C	
		5 Kg, 50 °C/hr	°C	xx
Heat Distortion Temp.	75/A	1.8 MPa Unannealed	°C	xx
		1.8 MPa Annealed	°C	xx
Coefficient of Linear Thermal Expansion	11359	-	-	xx
Flammability	-	UL-94	-	1.5mm HB
Mold Shrinkage	294-4	-	%	xx
Symbol	1043	-	-	>PA6 GF 30 <

Notes: These are typical properties only and are not to be construed as specifications. Users should confirm results by their own test