



ECOYADI-2 SP.ZO.O

RPC 9910 TDS



Properties	ISO Test Method	Test Condition	Unit	RPC BK 9910
Melt Flow Index	1133	220 °C × 10 KG	ml/10 min	20 ± 3
Mass Density	1183	23 °C	g/cm ³	1.2
Tensile Strength	527	50 mm/min, yield	MPa	47
		50 mm/min, break	MPa	34
Tensile Elongation	527	50 mm/min	%	70
Flexural Strength	178	2 mm/min	MPa	76
Flexural Modulus		2 mm/min	GPa	2.2
Izod Impact Strength	180/1A	23 °C, Notched	KJ/m ²	30 ± 5
		-30 °C, Notched	KJ/m ²	9 ± 3
Charpy Impact Strength	179	23 °C Notched	KJ/m ²	XX
		-30 °C Notched	KJ/m ²	XX
Vicat Softening Temp.	306	1 Kg, 50 °C/hr	°C	98
		5 Kg, 50 °C/hr	°C	95
Heat Distortion Temp.	75/A	1.8 MPa Unannealed	°C	83
		1.8 MPa Annealed	°C	98
Coefficient of Linear Thermal Expansion	11359	-	-	8.6 × 10 ⁻⁵
Flammability	-	UL-94	-	1.5mm HB
Mold Shrinkage	294-4	-	%	0.4~0.7
Symbol	1043	-	-	>PC<

Notes: These are typical properties only and are not to be construed as specifications.

Users should confirm results by their own test.