



ADDIPLAST GROUP
EN MATIÈRE D'INNOVATION

ADDIBIO RENEW[®]

**STRUCTURAL
& AESTHETIC
SOLUTIONS**

Lightweighting
solutions for
transportation



E N M A T I È R E D ' I N N O V A T I O N

Structural material **ADDIBIO GJI 52066** RENEW®

- PP Compound filled with 30% of natural fibers
 - Low emission, low odour
 - Suitable for interior parts

PROPERTIES	NORMS	STANDARDS	UNITS	ADDIBIO RENEW® GJI 52066	PP GF20 H511V20	
Physico-chemical	Density	ISO 1183-1 Method A	g/cm ³	0.99	1.03	
	HDT	ISO 75-2/Af	°C	110	130	
Thermal	Vicat Softening T°C	ISO 306/A50	°C	155	160	
	Mechanical	Flexural	Flexural Modulus	ISO 178	MPa	3900

Aesthetic material **ADDIBIO GEI 52009 & GEI 52021** (improved stability) RENEW®

- PP compound filled with 20% of natural fibers
 - Better scratch resistance
 - Matt effect
 - Soft touch

PROPERTIES	NORMS	STANDARDS	UNITS	ADDIBIO RENEW® GEI 52009 GEI 52021	P/E MD20 PMD 50213	
Physico-chemical	Density	ISO 1183-1 Method A	g/cm ³	0.97	1.04	
	Thermal	HDT	ISO 75-2/Af	°C	65	80
Mechanical		Flexural	Flexural Modulus	ISO 178	MPa	1650
	Charpy unnotched		ISO 179-1/1eU	kJ/m ²	30	57
	Impact Strength	Charpy notched	ISO 179-1/1eA	kJ/m ²	6	6
		Izod notched	ISO 180/1A	kJ/m ²	6	5.5
	Hardness	Shore D	ISO 868	-	70	68

**WEIGHT REDUCTION, NATURAL FIBERS,
LOCAL PRODUCTION, NO FOOD RESSOURCES,
LOWER CARBON FOOTPRINT, RECYCLING**