



self reinforcing Polypropylene (srPP)

armordon mechanical data

The following mechanical data was collected by testing 4mm consolidated Armordon® panels:

Density	ISO 1183	g/cm ³	0.78
Tensile Modulus	ISO 527	GPa	4.4
Tensile Strength	ISO 527	MPa	200
Flexural Modulus	ISO 178	GPa	3.8
Charpy Impact (Type FN) at 20°C	ISO 179	kJ/m ²	No break
Notched Charpy Impact (EP Type A)	ISO 179	kJ/m ²	137
Izod Impact (Type FN)	ISO 180	kJ/m ²	No break
Notched Izod Impact (EP Type A)	ISO 180	kJ/m ²	115