

# ARDLON

## ASG6 PA 66 GF 30% (best quality)

Density		G / CM <sup>3</sup>	Dry	1.36
Tensile E-Modulus	(1mm/min)	MPA MPA	Dry Cond.	9800 7000
Tensile strength at yield	(50mm/min)	MPA MPA	Dry Cond.	190 130
Elongation at yield	(50mm/min)	% %	Dry Cond.	3 5
Tensile strength at break	(50mm/min)	MPA MPA	Dry Cond.	190 130
Elongation at break	(50mm/min)	% %	Dry Cond.	3 7
Impact strength	(Charpy, 23°C)	KJ/M <sup>2</sup> KJ/M <sup>2</sup>	Dry Cond.	80 90
Impact strength	(Charpy, -30°C)	KJ/M <sup>2</sup> KJ/M <sup>2</sup>	Dry Cond.	70 65
Notched impact strength	(Charpy, 23°C)	KJ/M <sup>2</sup> KJ/M <sup>2</sup>	Dry Cond.	12 18
Notched impact strength	(Charpy, -30°C)	KJ/M <sup>2</sup> KJ/M <sup>2</sup>	Dry Cond.	8 9
Ball indentation hardness		KJ/M <sup>2</sup> KJ/M <sup>2</sup>	Dry Cond.	220 120
Thermal properties				
Melting point	(DSC)	°C	Dry	260
Heat deflection temperature HDT/A	(1.80 Mpa)	°C	Dry	215
Heat deflection temperature HDT/B	(0.45 Mpa)	°C	Dry	145