

ARDLON

ACG6 PA66 GF30

Density		g/cm ³	Dry	1.34	
Tensile E-Modulus	1mm/min	Mpa	Dry	9,000	
		Mpa	Cond.	6,000	
Tensile Strength at yield	50mm/min	Mpa	Dry	160	
		Mpa	Cond.	120	
Elongation at yield	50mm/min	%	Dry	3	
		%	Cond.	5	
Tensile strength at break	50mm/min	Mpa	Dry	160	
		Mpa	Cond.	120	
Elongation at break	50mm/min	%	Dry	3	
		%	Cond.	5	
Impact strength	Charpy, 23 °C	Kj/m ²	Dry	70	
		Kj/m ²	Cond.	75	
Impact strength	Charpy, -30 °C	Kj/m ²	Dry	60	
		Kj/m ²	Cond.	65	
Notched impact strength	Charpy, 23 °C	Kj/m ²	Dry	13	
		Kj/m ²	Cond.	15	
Notched impact strength	Charpy, -30 °C	Kj/m ²	Dry	11	
		Kj/m ²	Cond.	11	
Ball indentation hardness		Mpa	Dry	240	
		Mpa	Cond.	190	
Thermal properties:					
Melting point	DSC	°C	Dry	260	
Heat deflection temperature HDT/A		1.80Mpa	°C	Dry	210
Heat deflection temperature HDT/C		8.00Mpa	°C	Dry	230